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No. 2795.
VOL. CXIX.

SEPTEMBER 2, 1933

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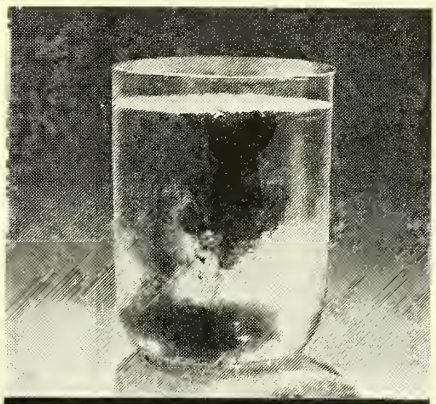

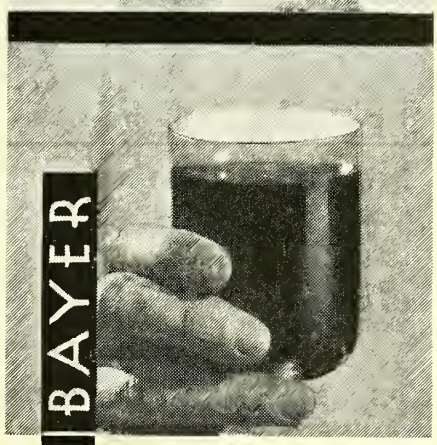

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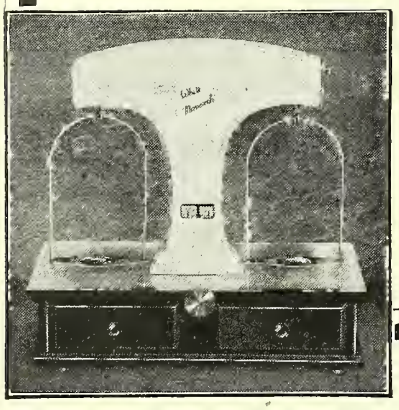

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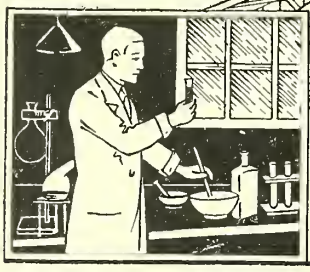

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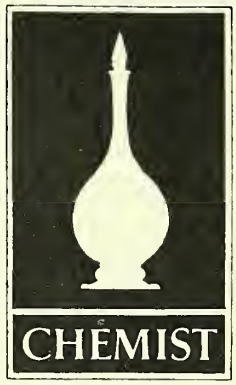

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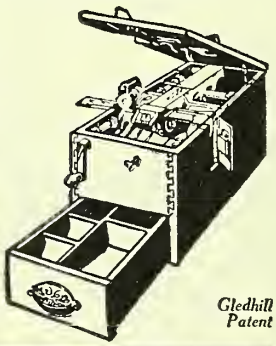

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10 × 8 ... ,,	2/10	2/9	2/8	2/7	3/1	3/-	2/11	2/10
12 × 8 ... ,,	3/1	3/-	2/11	2/10	3/4	3/3	3/2	3/1
12 × 10 ... ,,	3/7	3/6	3/5	3/4	3/10	3/9	3/8	3/7
OTHER SIZES								
8 × 6 ... each	2/4	2/3	2/2	2/1	2/6	2/5	2/4	2/3
12 × 6 ... ,,	2/8	2/7	2/6	2/5	2/11	2/10	2/9	2/8
14 × 8 ... ,,	3/5	3/4	3/3	3/2	3/8	3/7	3/6	3/5
14 × 10 ... ,,	3/11	3/10	3/9	3/8	4/2	4/1	4/-	3/11

Each in display envelope.
Own name moulded on not less than three dozen.
Special sales-help offer—ask for special leaflets.

"RODNEY"

LARGE (3 QUARTS)
MOULDED (SEAMLESS)

Finest rubber, heavy weight, extra wide funnel, metal stopper in bedded-in bakelite filler, tabbed both ends. Guaranteed 12 months.

Colours—Plum, Flame, Flame Jazz, Blue Jazz.

One size only—3 quarts—11 × 7¾

	1 doz.	3 doz.	6 doz.	12 doz.
Per doz.	21/-	20/-	19/-	18/-

AYRTON, SAUNDERS & CO. LTD.

Hanover Street, LIVERPOOL, 1

44/46 North Lotts (off Bachelor's Walk), DUBLIN, C. 9.

TI-TROL

Call it 'TEA TROL'

The Genuinely Germicidal **TOILET SOAP**

". . has worked wonders"

—writes a nurse who for months has suffered with acute skin irritation.

Doctors, Nurses, and the public alike, continue to testify to the extraordinary healing properties of **"TI-TROL"** soap.

Another grateful Nurse, praising its soothing and beneficial results, says:

"This is a very good recommendation as I have a very sensitive skin and every other germicidal soap I have tried has played havoc with my hands."

Measure your success in line with "TI-TROL'S" progress! Get stocks and arresting display material without delay!

"TI-TROL" soap is 11-13 times more potent than pure carbolic, yet is NON-TOXIC, NON-IRRITANT and NON-POISONOUS. Dissolves pus and promotes new tissue. Soothing and refreshing to the tenderest skin.

STRIKING ADVERTISEMENTS

now appearing in the leading National Dailies, Women's Periodicals and Magazines ensure growing and consistent demands.

GET STOCKS & DISPLAY MATERIAL NOW

Address your enquiries for Display Material or Trade Terms to the Sole Distributors:

FASSETT & JOHNSON, LTD.,
86 Clerkenwell Road, London, E.C.1

THE MOTORIST'S SOAP

Those who know the inconvenience of dirty hands, after attending to the car, will appreciate this really wonderful invention.

Its copious lather, penetrating every wrinkle, removes dirt and grease in a flash, leaving the hands smooth, soft, and quite clean.

Invaluable to Motorists, Engineers, and all those whose work brings their hands into contact with oil and grease.

Packed in three tablet boxes, price **9/-** per dozen boxes. Retail **1/6** per box.

MADE BY

R. F. WHITE & CO. LTD.

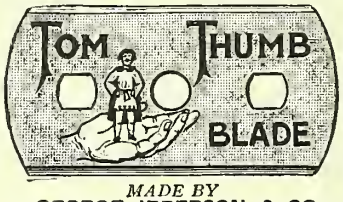
Toilet Soap Experts

Mitcham : : Surrey

HANG IT UP AND LET IT SELL ITSELF

Supplied on cards or boxed. Show cards with every order.

1D. Each Retail



British Made

MADE BY
GEORGE IBBERSON & CO.
Razor Works, 146 West St., Sheffield

"ODENTIC" PLATE BRUSH

Regd. No. 417637.

From all Wholesalers.

Manufacturers:

W. R. Speer & Son (EST. 100 YEARS)

215 DALSTON LANE - - LONDON, E.8

SOMETHING NEW!

HERE is a new line to offer your customers—packed Liquid Soap. A Hay product that will definitely find a constant market. For travelling, sport, social functions, etc., the watch-shape size contains a high quality soap to suit personal requirements readily. There is also a 3-oz. pack designed for the bathroom. The soap is delicately perfumed in the following odours: PINE, CARNATION AND JASMIN. This form of soap, apart from its refreshing effects, is economical and gives a quick lather. It promotes a healthy complexion and contains nothing that will harm the delicate texture of the skin.
Attractively packed. Free show material supplied with all orders.

TO BONA-FIDE ENQUIRERS.
A sample entirely Free together with fullest particulars and prices will be sent upon application to Dept L.S.7. William Hay Limited, Manufacturing Chemists, Hull

This advertisement does not apply to the Irish Free State.

HAY

ANOTHER PRODUCT PACKED

LIQUID SOAP

3,000,000 PEOPLE

Daily Mail · Daily Express · News Chronicle · Daily Herald

are reading about the wonderful value of the **New Improved** **"LAUREL"** DUMB-BELL *Regd.* **Razors & Blades**

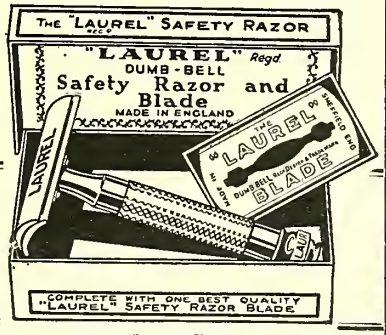
Are you ready to supply?

Retails **1½d.** each.

PACKET OF **4** *for* **6d.**

Order your Stock to-day.

COMPLETE OUTFIT FOR **6d.**



Geo. H. Lawrence Ltd. Laurel Wks., Nursery St., **Sheffield**

THEY *want* **IT! LET THEM KNOW YOU** *sell* **IT!**

Here's the Cream that gets you "the cream" of the business—Anzora. Everyone knows of it. Everyone wants it. And every sale brings you 33⅓% profit. The new Anzora Brilliantine is going to expand your Anzora sales still further. Give these three a good "show" in your shop and windows — and see how well they sell!

ANZORA

MASTERS THE HAIR

TRADE TERMS:

Cream and Viola

8/- doz. Retail at 12/-
12/- „ „ „ 18/-
20/- „ „ „ 30/-

Brilliantine 8/- doz. Retail at 12/-

ANZORA PERFUMERY CO., LTD., LONDON, N.W.6

WHAT IS A STRAIGHT LINE?

BIG BONUS
BIG PROFIT
QUICK TURNOVER
CONSISTENT ADVERTISING

YOU GET ALL THESE WITH BRYLCREEM

THE SHORTEST DISTANCE BETWEEN TWO POINTS.

BRYLCREEM

The Perfect Hair Dressing

is the shortest distance between you and PROFIT!

What is your space—your counter—your window worth to you? They represent so much in overhead charges—rent—rates—taxes—lighting. Every inch must earn you profits!—Display the advertised line that sells quickly and gives you the maximum return.

Brylcreem is the biggest seller and most profitable of all hairdressings

IT PAYS TO DISPLAY BRYLCREEM, THE PERFECT "NO-GUM" HAIRDRESSING

From all Wholesalers or direct from the makers:

THE COUNTY PERFUMERY COMPANY, Bradford St., BIRMINGHAM

NUCTONE

PROMOTES LUXURIOUS HAIR AND CUSTOMER CONFIDENCE

Consider Nuctone, the safe hair dye . . . It is steadily advertised in the press, it is growing in favour with trade and public—justly regarded as a hair tint . . . brilliantly effective . . . easy to use . . . safe as a shampoo. Nuctone sales are growing every day—chemists are making a handsome margin of profit on Nuctone business.

ORDER THROUGH YOUR USUAL WHOLESALER

Nuctone

SAFE FOR GREY HAIR

MANUFACTURED BY STEWART, GOODALL & DUNLOP, LTD.

Safety Razor Blades to Private Brands

We are specialists in the production of Safety Razor Blades to Private Brands.

Home or Export.

Prices competitive.

Special wrappers, cartons and labels designed to customers' ideas.

In fact your Private Brand complete and ready for sale.

Large output available from most modern Plant.

Consult:

Dominion Steel Corp. Ltd.

"Fleet" Works, Queen's Road, Sheffield, England

The New Unbreakable Handbag Pot—

The Latest Pack of an Established Seller

Issued in response to the demand of regular users for a container that cannot be damaged.
No danger of glass splinters entering the cream.
Keeps the cream in perfect condition.

National Press Advertising now proceeding.

P.A.T.A. Prices.

Retail - - - **1/3** each
Wholesale - - **10/-** dozen.
In display outers of ½ dozen.

Supplied in all shades :—
White, Ivory, Natural, Ochre and Soleil Doré (Sungold).

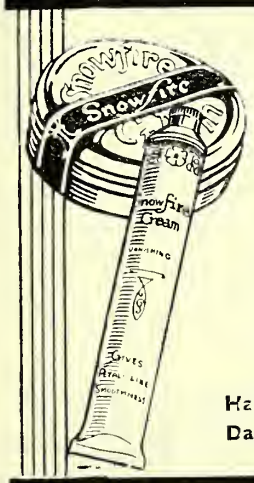
VELOUTY de DIXOR

THE ORIGINAL
COMBINED CREAM AND POWDER

LONDON PARIS

DIXOR LTD., DANEMERE STREET, LONDON, S.W. 15.

★ The 'STAR' of popular priced face creams



Snowfire Cream—always in demand from regular customers, always making new friends—a most profitable line to handle. Stock it—show it—recommend it—quick sales and a large, rapid turnover will reward you.

Handbag Containers - 3d.
Dainty Tubes - 6d. Retail

SNOWFIRE *Vanishing* CREAM

Manufactured by
F. W. HAMPSHIRE & CO. LTD., Sunnydale Works, Derby.

The Public are Calling *for*

PETAL DUST

"Wherein the subtle savour of the Flowers sublimely dwells."

THE GREAT FLORAL AIR PURIFIER

A Trial will convince you that——

PETAL DUST, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

PETAL DUST, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

Retails in packets at 4d. and 8d. each.

Attractive Advertising matter free on request.

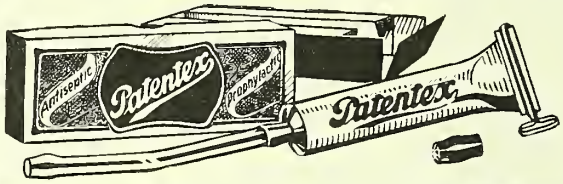
Obtainable through all the usual Wholesale Houses or from Sole Producers :—

The Rosmarine Manufacturing Co.
LONDON, S.E.1.

25 Years of Experience and Success

have proved that Patentex is a most hygienic, safe and æsthetical contraceptive. Recommended by medical authorities.

Non-greasy
Disinfectant
Deodorizing
Curative and
Beneficial.



Most simple application.
Excellent Showmatter and Literature.

Ask for free leaflets and 1933 Price List.

Ensure satisfied Customers and good profits by stocking

KAYDOR QUALITY PRODUCTS

KAYDOR Ltd.
Rubber Goods Makers
109 Charlotte St., LONDON, W.1

6 TOWELS

FAVOURITE SANITARY TOWELS

6 PENCE

The original 6d. packet Brand is now indisputably world famous. Its ever-increasing popularity has enabled us to include an additional Towel.

Towel Makers for 80 years

ARTHUR BERTON, LTD.
"BRITANNIA HOUSE"
256-260 Old Street, London, E.C.1
'Phone: Clerkenwell 1346-7-8-9
'Grams: Aybelim, Finsquare, London

MANCHESTER:
36 Chapel Street
'Phone: Blackfriars 4536

GLASGOW:
29-31 Duke Street
'Phone: Bell 702

We supply no one but Chemists and Druggists with
"SAFEGUARD"
Preventives (Rubber Goods)
They are of Highest Quality and Packed Hygienically
Samples and Prices on application
BURGE, WARREN & RIDGLEY, LTD.
91/92 GREAT SAFFRON HILL, E.C.1
Phone: Holborn 0050 *Telegrams:* Drugsund, Smith, London

Chemists' Fittings

When you want Shop Fittings it will pay you to send to

GEORGE COOK

The Chemists' Working Shopfitter,
27 Macclesfield Street, City Road, LONDON, E.C.1
40 years' experience *Phone:* Clerkenwell 5371 *Rough Sketches free*

WINNING NEW CUSTOMERS FOR OVER FORTY YEARS!

MENE TOWELS

From your Wholesale House, please.

A superior quality hygiene and a great favourite with women. Also SU-CAN Soluble, for easy disposal.

ROBINSON & Sons Ltd. CHESTERFIELD.

Taylor's

REGD. No. 501079

NEW "SUNSHINE" FACTORY

Hygienic production, always a first consideration in the manufacture of Taylor's Plasters, is now given its widest application in the new Sunshine Factory at Monton Green. Such improved conditions of manufacture must inevitably result in an even greater popularity of Taylor's products.

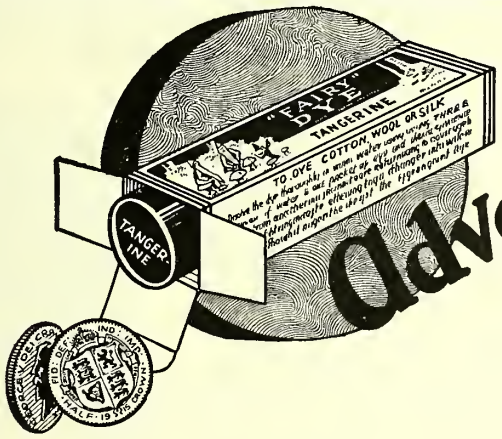
FREE LIST AND SAMPLES. The 1933 price list, illustrated in full colours, together with samples of the firm's products, will be sent to any pharmacist on request.

The products of Edward Taylor Ltd. are obtainable through all Wholesale Houses.

THE WORD Taylor's REGD. No. 501079 IS A REGISTERED TRADE MARK

EDWARD TAYLOR LTD. :: :: **MONTON, Lancashire.**

GLASGOW, BIRMINGHAM, LONDON. Established 1847.



Advertised goods yield quick Profits

FAIRY DYES

are big sellers—always in popular demand. They mean quick turnover and liberal profits. Fairy Dyes are forging steadily ahead and you should periodically inspect your stocks.

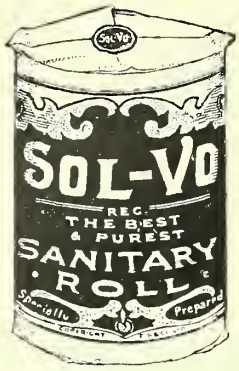
Retailed at **2d.** per tube—attractively packed. 31 shades and colours.

Be wise—stock

LONDON DEPOT: 292 UPPER ST., ISLINGTON - N. 1

Fairy Dyes

FAIRY DYES, LTD., GLASGOW, N.W.



SOL-VO

REGD.

TOILET PAPER

PURE - SOFT - HYGIENIC

(Completely Wrapped)

SELLING AIDS.

A display Showcard and "Personal Hygiene" leaflets with every order.
750 perforations to every roll.
No dirty edges, completely wrapped and sealed.

3 Doz. @ 6/- Doz. 6 Doz. @ 5/9 Doz. 12 Doz. @ 5/3 Doz.
CARRIAGE PAID NET

FORD, SHAPLAND & CO. LTD.

PRINTERS & WHOLESALE STATIONERS,

GREAT TURNSTILE, HIGH HOLBORN, LONDON, W.C.1

Telephone: HOLBORN 4695.

"SURCO"

RELIABLE

ELASTIC HOSIERY

SEAMED & SEAMLESS

For special garments to measure we maintain a 24 hour service.

:: BODY BELTS ::
TRUSSES :: SUNDRIES

Write for Catalogue.

SURGICAL HOSIERY CO., LTD.

Russell Street :: NOTTINGHAM

Telephone No.: 75903. Telegrams: SURGICAL, NOTTM.

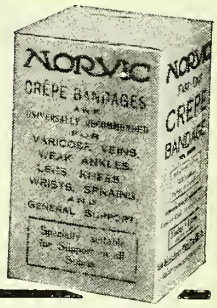
NORVIC

BLUE CARTON CRÊPE BANDAGES

The Blue Carton, prominently displayed in the window or on the counter, will increase your crêpe bandage sales enormously. A P.A.T.A. LINE with FULL 33⅓ PROFIT.

From leading wholesalers.

Sole manufacturers: Grout & Co. Ltd. 35 Wood Street, London, E.C.2.



- The preference of women for Southalls Sanitary Towels brings steady sales all the year round.
  - The "ORIGINAL" and most popular.
  - The "CELTEX" soluble; easily disposed of.
  - The "K." Made entirely of absorbent cotton wool, with very soft cover.
  - The "COMPRESSED." For Travelling. A very popular line.

SOUTHALL BROS. & BARCLAY LTD., BIRMINGHAM

SOUTHALLS

SANITARY TOWELS

Best sellers

The public is asking for *ZEAL* CLINICAL THERMOMETERS because they are:-

GUARANTEED TO *STAY* ACCURATE

CONSISTENTLY ADVERTISED

Made by

ZEAL

—the name the public knows.

G. H. ZEAL, LTD.,
75 & 77, St. John St., London, E.C.1.

Are You Ready

FOR

H. W. BOTTLES

IF SO

ASK OUR REPRESENTATIVE TO SHOW YOU THE CHEAPEST ***HIGH QUALITY BOTTLE.***

WE HAVEN'T THE LOWEST PRICED ONE — OURS ARE **BRITISH**

"NEWBERYS"

Francis Newbery & Sons Ltd.
CHARTERHOUSE SQUARE,
LONDON, E.C.1
CARDIFF AND LIVERPOOL

An OPEN LETTER to the CHEMIST

Telephone POLLARDS 4481 (6 LINES)

ESTABLISHED 1836

P·B·COW & Co LTD

Telegrams PETERCOW NORRUP LONDON CABLES PETERCOW LONDON

DIRECTORS P B COW L J COW N COW H M TILLEY

RUBBER MANUFACTURERS
STREATHAM COMMON
LONDON
S.W.16

OUR REF HFT/S:
YOUR REF

Dear Sir, August 1933

"Has it occurred to you that you are the only people with pluck enough to put up the price of your Rubber Hot Water Bottles this year?"

These words were recently spoken to us as a comment on our policy in fixing a maintained selling price of 2/11d. for the Vacca Lok-Nek Hot Water Bottles.

We perhaps did not view our policy in this light, but it is a fact that when we saw prices of merchandise plunging down, down, down, we cried "halt" and firmly dissociated ourselves from what we believe to be a blind and highly dangerous parallel with what happened at Gaderene.

Has it occurred to you that lower prices have now become a threat instead of a blessing? That if manufacturers offer unstable buying conditions to the retailer, the retailer's selling conditions become correspondingly risky?

The Vacca Lok-Nek Moulded Bottle offers you a guaranteed minimum profit, and your public buys the best moulded bottle in British manufacture.

Is it not the soundest business principle in the world?

Yours sincerely,
P. B. COW & CO. LTD.

VACCA LOK-NEK HOT WATER BOTTLE

(TO BE ADVERTISED ON LONDON BUSES)

Made by

P. B. COW & Co LTD

STREATHAM COMMON · LONDON · S·W·16

THE BEST VALUE TODAY IN GLASS COUNTERS AND SHOWCASES

The 'MARLBOROUGH' Glass Counter, well constructed in oak or mahogany, 6 ft. long by 3 ft. high by 2 ft. deep. Glazed ¼″ drawn plate-glass, polished oak parquet floor, fitted glass shelf 12″ wide. Sliding doors at back.

£10

The 'KINGSTON' upright showcase, 6 ft. high by 2 ft. wide by 2 ft. deep, oak or mahogany frames, oak parquet floor, glazed throughout with ¼″ drawn plate-glass and fitted 3 drawn glass shelves supported on movable brackets.

£10 : 10

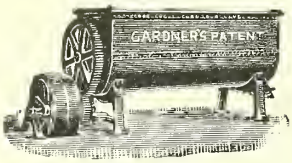
Inspect these cases at our showrooms, where we have an extensive display of all types of shop fittings for the chemist.

RUDDUCK & CO.

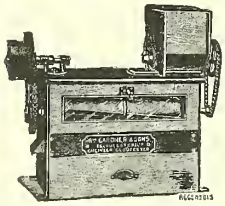
219 and 227 OLD STREET, LONDON, E.C.1

TELEPHONE: CLERKENWELL 2371

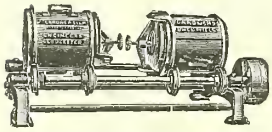
GRINDING SIFTING MIXING



Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



Gardner Ball Crushing Mill.

for Chemical purposes must be rapid, superfine, of laboratory accuracy, and absolutely consistent.

Gardner machines perform all these operations in the most efficient way.

They are economical and efficient; a high standard is maintained in the quality and quantity of their output.

Details and Catalogue of all Gardner plants from

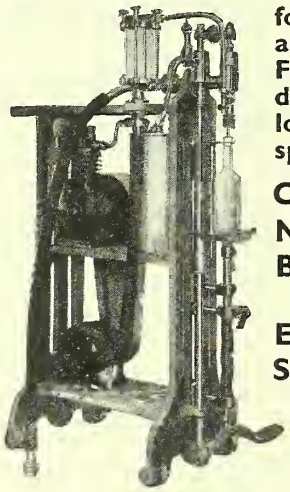
WM. GARDNER & SONS (Gloucester) LTD.

BRISTOL ROAD, GLOUCESTER

Telephone: 2288 (2 lines).
Telegrams: "Gardner, Gloucester."
London Office: 19 Gray's Inn Chmbrs. 20 High Holborn, W.C.1.
Telephone: Chancery 7347.

ROBERTS' PATENT

"LEO" VACUUM FILLER



for Glass, Stone, and Tin Bottles. Fills all sizes from drachm to quart—long, short or sprinkler neck.

Clean and Rapid
No Over Filling
Broken Bottles Rejected
Easy to Clean
Self Rinsing

WRITE FOR PARTICULARS

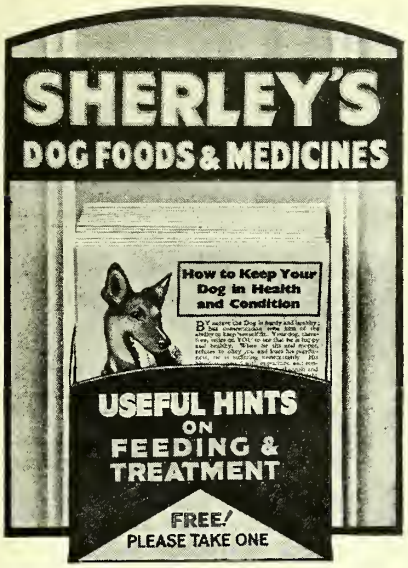
Roberts' Patent Filling Machine Co.

T. ROBERTS, Proprietor,

33 Roundcroft Street, Bolton, Lancashire

Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use.

ALL RIGHTS RESERVED



SHERLEY'S SPECIAL OFFER

FREE LEAFLETS & DISPLAY STAND

For Counter Distribution

WE have prepared a very attractive 8-page leaflet of interest to Dog Owners, and offer a quantity of these to the Trade without charge, in a neat attractive Counter Display Stand, for Free Distribution. The Leaflet deals briefly with all Sherley Products and once they are in the hands of Dog Owners in your district, will prove effective Salesmen and bring more custom to you. This is another example of Sherley's enterprise of which it will be well worth your while to take advantage.

Just post the Coupon below TO-DAY. Sherley's Dog Foods and Medicines enjoy a regular and extensive sale and it behoves you to keep ample stocks on hand to meet this demand in your district.

FREE-SIX 2d. DOG BOOKS ON £1 ORDERS

Sherley's Dog Book introduces a permanent salesman into the homes of your customers. It contains 136 pages and sells readily at 2d. This bonus is given on every mixed order value £1 and over.

2½% DISCOUNT ON £2 PARCELS

On orders of £2 or over, made up of lines retailing at 6/- or less, we allow a special discount of 2½%.

5% EXTRA DISCOUNT FOR WINDOW DISPLAY

All purchasers of Parcels value £2 or over (made up in accordance with our terms) are entitled to a further 5% for a fortnight's window display.

POST THIS COUPON TO-DAY

In unsealed envelope (½d. stamp).

To A. F. SHERLEY & Co., LTD.,
18, Marshalsea Road,
London, S.E.1.

Please send me a supply of Free Leaflets and Counter Display Stand.

Name .....

Address .....

C.D. .....

NURSE HARVEY'S MIXTURE

A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessaries from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—

OSCAR SCRUTON & Co., YORK

BATTLE'S VERMIN KILLER

Of all Patent Medicine Houses at **3/-**, **5/-** and **9/-** per dozen.

In packets at **5d.**, **9d.** and **1/3** each.
(P.A.T.A.)

The *sure* destructive agent which may be confidently recommended by Chemists for quick clearance of rats and mice.
(*Users' testimonials on request.*)

Prepared only by
J. C. M. BATTLE, Ph.C., LINCOLN

You'll profit by his death

Rodine makes a quick end of Rats and Mice. You can recommend it with confidence to householders, factories, warehouses—for use on farms and all places overrun by rats and mice.

One Rodine user counted 300 dead rats after one application of Rodine.

It is the most effective rat and mouse exterminator and is being extensively advertised everywhere. Show Rodine on your counters. You will find it a highly profitable line to stock.

Retails in tins at **7½d.**, **1/3**, **2/6** and **5/-**

Sole Makers: THOMAS HARLEY LTD.
Mfg. Chemists, Rodine Works, Perth, Scotland

RODINE
KILLS RATS & MICE

PRECIPITATED CHALK

LIGHTEST—MEDIUM—DENSE.
And All Other Grades To Suit Every Purpose.
Prepared Chalk B.P. and Powdered Talc.

'Phone: Mansion House 7300. Tel. Add.: "Levermore, Phone, London."
A. LEVERMORE & CO. LTD.
110 CANNON STREET, LONDON, E.C.4.
ABC Codes. 6th Edition.

DYES!

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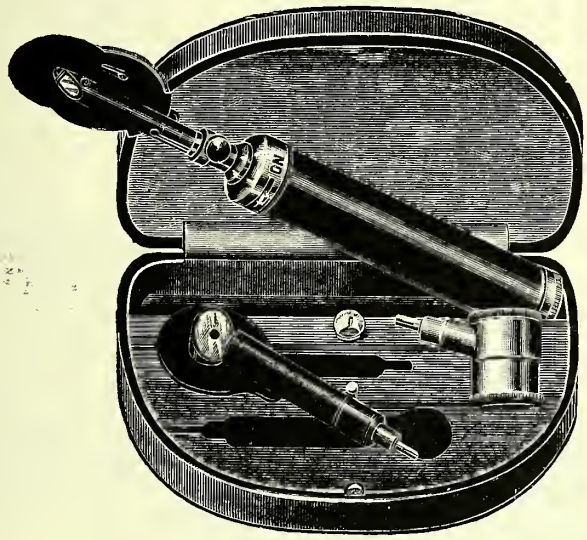

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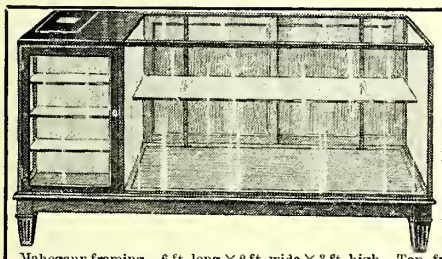

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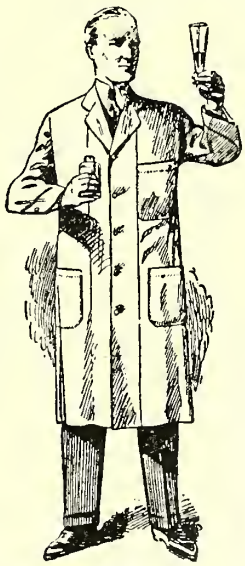

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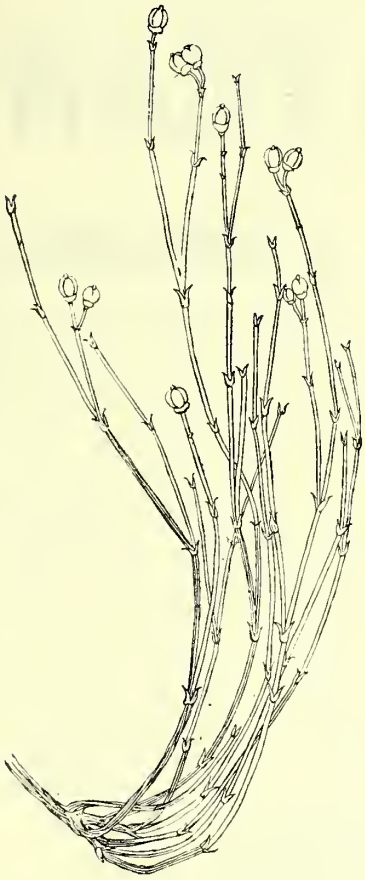

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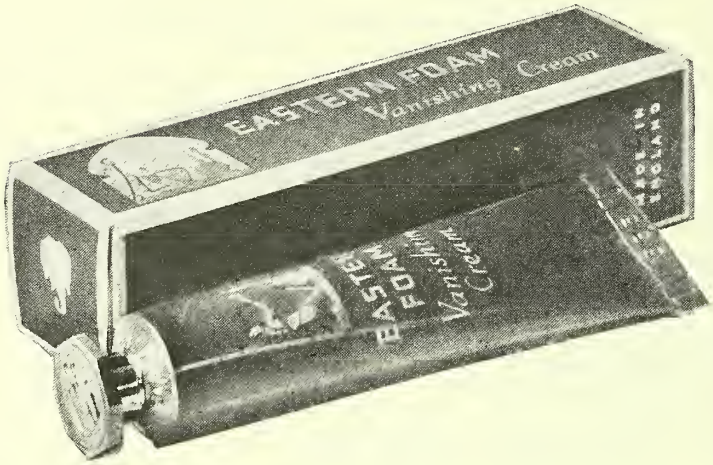

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A product of THE BRITISH DRUG HOUSES LIMITED

THE
CHEMIST AND DRUGGIST
A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

The official organ of The Pharmaceutical Society of Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

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VOL. 119. NO. 2795 SEPTEMBER 2, 1933

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News of the Week

Import Duties Act, 1932—Additional Duties

Under Additional Import Duties (No. 18) Order H.M. Treasury authorise the following new rates of duty on the following goods of interest to the chemical trade. The new duties will operate from September 5.

Aluminium sulphate, ammonia alum, soda alum, and potash alum: £2 per ton.

Aluminium oxide, hydrate: £3 per ton; anhydrous but not including abrasives: 20 per cent.

Fruit pectin (other than citrus pectin in powder form): 25 per cent.

Lactose: threepence per lb.

Ginger preserved in syrup: Such a rate of duty as will, with the duty chargeable by or under any enactment other than the Import Duties Act, 1932, and the amount of the general *ad valorem* duty, if any, chargeable under section 8 of that Act, exceed the duty chargeable by or under the said other enactment by an amount equal to 10 per cent. of the value of the goods.

Import Duties Advisory Committee—Applications

The Import Duties Advisory Committee give notice of the following applications:—For an increase in the import duty on:—

Automatic cash registers.
Commercial grades of di-sodium and tri-sodium phosphates.
Ray gypsum stone (calcium sulphate).
Plaster of Paris.
Mineral white (ground gypsum).
Calcium sulphate cements.

For the addition to the Free List of pitch, or, alternatively, for drawback of duty under Section 9 of the Finance Act, 1932, on the pitch used in the manufacture of fuel briquettes. Any representations which interested parties may desire to make in regard to these applications should be addressed in writing to the Secretary, Import Duties Advisory Committee, not later than September 25, 1933.

Customs and Excise Tariff

H.M. Stationery Office has published a Customs and Excise Tariff which gives full details of all import duties in force in the United Kingdom and Northern Ireland on August 1, 1933. Consisting of 252 pages, the publication contains general information for the guidance of importers, lists of prohibitions and restrictions on importations, Import Duties Act, 1932, and additional duties, Ottawa Agreements Act, 1932, etc. Copies may be obtained from H.M. Stationery Office, price 6d.

Honey Grading and Marking Regulations

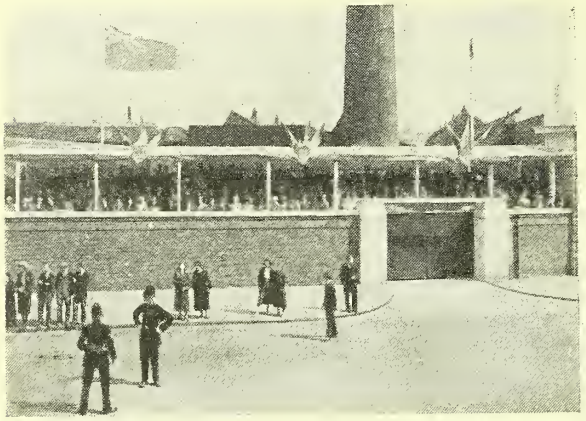
The Minister of Agriculture and Fisheries has issued the Agricultural Produce (Grading and Marking) (Honey) (Amendment) Regulations, 1933 (S.R. & O., 1933, No. 824: Stationery Office, 1d.), dated August 16, amending the Order referred to in THE CHEMIST AND DRUGGIST, 1932, II, 54. The principal clause is as follows:—

The definitions of quality of Select and Select (Section) as applied to Honey made by bees from nectar in England and Wales, shall be amended by the deletion of the expression "2.5 per cent." from column (2) of the First and Second Schedules of the Agricultural Produce (Grading and Marking) (Honey) Regulations, 1932, and the substitution therefor of the expression "5 per cent."

The Royal Visit to Leeds

On the occasion of the visit of their Majesties the King and Queen to Leeds, on August 23, a grand stand was erected by Hirst, Brooke & Hirst, Ltd., manufacturing

chemists, Sheepscar Works, in one of the yards of their works. About 250 customers and their friends accepted invitations to be present, and the few of these who could not find room on the stand had an equally good view of



the procession from windows in the offices of the company. Music was provided, and the visitors were subsequently entertained to tea. Each customer was presented with an Eversharp pencil suitably engraved, and with a thirty-page souvenir programme containing the history of previous Royal visits to Leeds and photographs of the interior and exterior of the new Civic Hall.

Inquests

At an adjourned inquest concluded at Brixham, on August 23, regarding the death of Mr. F. H. Ireland, retired chemist and druggist, who was found dead in his bedroom, a medical man attributed death to carbolic acid poisoning. The Devon county analyst (Mr. T. Tickle, B.Sc., Ph.C.) said his analysis of the organs showed 39 gr. of phenol and 1.6 gr. of arsenic. A verdict of "Suicide while temporarily of unsound mind" was given.

The St. Pancras (London) coroner further inquired, on August 28, into the circumstances of the death of Mr. Jessel C. Ludlow, commercial traveller, Fairfax Road, N.W. Dr. J. H. Ryffel, Home Office analyst, now stated that he found 21 gr. of veronal in the body. The Coroner: Can you give me any idea how much would have been taken?—At least 100 gr. What is the normal dose?—About 5 gr. The inquiry was again adjourned.

At Chichester, on August 28, an inquiry was held concerning the death of Major W. B. Allen, V.C., M.B., a medical man with a distinguished war record, who, the evidence showed, died from opium poisoning. The coroner said he understood that Major Allen had been in the habit of taking drugs from a bottle without measuring the dose. One could quite imagine how possible it would be for an overdose to be taken in such circumstances. In his opinion it was accidental.

Miscellaneous

BURGLARY.—The premises of Mr. A. J. Snook, chemist and druggist, Horsmonden, were broken into during the night of August 18, and practically all the cameras were stolen, together with the contents of the till.

SIR JOHN CASS TECHNICAL INSTITUTE.—The new session of the Sir John Cass Technical Institute, Jewry Street, Aldgate, London, E.C.3, which extends over about thirty-six weeks, will begin on September 25.

IN THE COURTS.—At West Hartlepool, recently, Albert Rowland (30) was fined £10, and was ordered to refund certain sums of money, for obtaining films from automatic machines outside the shop of Mr. C. A. Ferry, chemist and druggist, and elsewhere, by means of metal discs resembling coins.—At Plymouth Police Court, on August 30, E. Mitchell, osteopath, Prudential Buildings, was fined £20 for unlawfully using the titles of physician and surgeon.

Scottish Notes

Brevities

It is reported that a considerable number of counterfeit silver coins have gained currency on the East Coast, and chemists, among others, have been victimised.

A correspondent writes: "There has been a lull in business during the past week, but this is due to the between-seasons period. With the advent of September, preparations will be made for winter trade, when travellers' order books should be in brisk demand."

Councillor William Meldrum, chemist and druggist, is one of the members of Rothesay Town Council who retires by rotation. For many years Mr. Meldrum has been a popular and prominent member of the Council, and he has also been keenly interested in other bodies.

Aberdeen

In the annual report of the chief sanitary inspector of Aberdeen a paragraph appears under the heading of "Poisons and Pharmacy Act, 1908." It is stated in the report that the arrangements for keeping poisonous substances were found in every case to be satisfactory.

A story (stated to be true) is going the rounds of a well-known Aberdeen chemist passing off a foreign silver coin on a traveller as a joke. On the latter's return journey, it appears, the Aberdonian offered to replace the coin, which had been passed off as a shilling. "No, no," replied the traveller, "I got 1s. 4d. for it at the bank."

Glasgow

The School of Pharmacy of the Royal Technical College, Glasgow, begins a new session on September 18, with Professor D. Ellis as superintendent and lecturer in botany.

It is reported that Glasgow magistrates have decided to make representations to the Secretary of State for Scotland with a view to combating the menace of methylated spirit drinking. It will be urged that legislation should be introduced whereby the sale of methylated spirit should be vested in qualified chemists, and that in every case the seller should be compelled to obtain the purchaser's name and address.

Irish Notes

Brevities

At Knock (Belfast) golf links, on August 25, the Adgey cup was presented to Mr. J. McCartney, winner of the Northern Ireland section of the "News of the World" tournament, by Mr. W. J. Hardy, Ph.C., past-captain of Knock Club.

The July photographic competition, run by the "Belfast News-Letter" in conjunction with the Photographic Dealers' Association, has proved exceptionally interesting, in view of the widespread area from which competitors were drawn. Entries were received from America, Canada, France, Belgium, Holland and Switzerland, as well as Great Britain and the Irish Free State. The quality of the work was higher than in June.

Belfast

Summonses for breaches of the City Shops Early Closing Order were heard in the Police Court on August 22. Mr. Robert W. McKnight, Ph.C., Carlisle Circus, was fined 20s., with costs; Mr. William Esler, Ph.C., Howard Street, was fined 2s. 6d., with costs; A. W. Stephenson, Ltd., chemists, Dublin Road, were fined 5s., with costs; Mr. Robert Andrew, Ph.C., and Mr. John Kennedy, Ph.C., Crumlin Road, were each fined 5s. Mr. Charles B. Jones, Ph.C., Cromac Street, who was summoned for selling Pond's cream, said the cream could be used for medical purposes. He was ordered to pay costs, no conviction being recorded.

Condemnation of the use of mineral-water bottles to hold disinfectant is contained in a report by Dr. C. S. Thomson, Belfast's medical officer of health, presented on August 22. "I have received a deputation from mineral-water merchants, etc., in Belfast," he states.

". . . The complaint in the present instance is that bottles which are sold (to chemists principally) in connection with an order for mineral waters are sometimes used by the chemists to hold disinfectants. Alternatively, a bottle which has been used in a house for its legitimate purpose, namely, the consumption of some form of mineral water, is taken by the householder to purchase some disinfectant, which is put into the bottle. The members of the deputation have brought to me a number of bottles, ostensibly made and used for mineral waters, and on one or two of these there is a label bearing the chemist's name and address, and also in writing the words 'Carbolic Acid.' The practice is a most reprehensible one from the public health point of view. . . . There is a possibility, for example, of poisoning, and, in addition, there is the fact of loss to them, inasmuch as whilst they can clean these bottles, and do clean them prior to putting them into circulation again, it has been found that as the screw stopper is frequently impregnated with the poison it is not possible to put these bottles into circulation again." The matter was referred to the Ministry of Home Affairs.

Business Changes

Mr. L. Cawson, chemist and druggist, has reopened the Paramount Pharmacy, 16 The Headrow, Leeds.

Mr. Montague C. Rock, chemist and druggist, has acquired the Roberts Pharmacy, 275 Main Street, Gibraltar.

The People's Pharmacy, Ltd., chemists, Brighton, has opened premises at 64 St. George's Road, Charing Cross, Glasgow.

Mr. Ernest E. Woolf has taken over the business of his father, Mr. Edward Woolf, druggists' sundriesman, St. George's Crescent, Hockley, Birmingham.

The offices of Hollands Distillery (Essential Oils), Ltd., have been transferred from 26 Denman Street, London Bridge, London, S.E.1. to their distillery, 37 and 39 Wood Street, Mitcham.

Topical Reflections

By Xrayser

Common Sense

is a most admirable and useful quality which all chemists and druggists would do well to cultivate, and they are fortunate in having provided for them such illuminating illustrations and comments as appear in the excellent article by Mr. Arthur Mortimer (*C. & D.*, August 26, p. 293). I was particularly struck, on reading this article, by the statement to the effect that the knowledge and practice of the law are based on common sense, because just previously I had read the editorial comments on the "snail in the bottle" case, and arrived at the conclusion that this was certainly decided on common-sense lines. It is true that the question of damages, if any, remains unsettled; but an important principle has been established. Mr. Mortimer gives sound advice on points arising in a chemist's dealings with his customers and his wholesalers, and it is to be hoped that not many of your readers who are engaged in retail business will fail to lay that advice to heart. Particular attention should be given to what is stated respecting qualified and unqualified retailers, since the exercise of common sense is insistently called for in considering this subject. Because a chemist and druggist is legally qualified to carry on that part of his particular business in connection with which there are statutory restrictions, it does not necessarily follow that he alone is qualified to do all that he has been trained to do and grown up to regard as falling within his peculiar province. Where competition arises with retailers who are entirely unqualified from his point of view, his best plan is to set himself to offer better service than his competitor, as he should be well able to do because of his special training and freedom from the restrictions that hamper those who do not possess the same legal qualification as himself.

Nutrition and Diet

are certainly subjects with which the pharmacist ought to have more than a smattering of knowledge, even though it be only for the purpose of enabling him to talk intelligently to his customers, who may seek his advice when purchasing proprietary foods. Messrs. Goodwin and Chamings provide a comprehensive introduction to the subject of dietetics (p. 301), and this may be commended to the attention of all general pharmacists who would be up to date in their business knowledge. But not only will they find the information conveyed in this sensible article useful from a business point of view; it will also be found of extreme value for personal application by readers who have a proper care for their own health. Incidentally, it will be gathered on perusal of what is stated in the article respecting the physiology of nutrition that an acquaintance with the subject of human physiology is much to be desired by all who aim at an adequate knowledge of dietary matters; in the case of chemists and druggists, who ought to know more than is usually the case respecting the action of drugs, an added reason is forthcoming for insisting upon the importance of possessing physiological knowledge, because this constitutes the basis of pharmacology.

The Pharmaceutical Society,

I am reminded, may expect to include in its membership all duly qualified British pharmacists immediately the Order in Council brings Section 1 of the Pharmacy and Poisons Act into operation, i.e., on December 31 of this year. Not only will all those then living, whose names appear in the present printed Register of Chemists and Druggists, become members of the Society, if not already such, by virtue of being so registered, but also those whose names have been included in the actual Register which is kept at the Society's headquarters, during the twelve months ending December 31. And for at least two months, it is suggested, their membership must continue, whether the individual desires to remain a member or not, because Section 1 (4) of the Act would appear to allow that period of grace for the payment of next year's retention fee, after the date on which the demand for the fee is made. No question arises, I imagine, in respect of fees payable on registration in the case of persons who are already registered, because it is understood that a charge for registration is included in the fee payable before a candidate is allowed to sit for his qualifying examination. If my recollection serves me aright, this inclusion of a charge for registration was made one of the reasons for asking the Privy Council years ago to consent to a considerable increase in the amount of the examination fee. Retention fees will become payable next year by everyone who wishes to retain his or her name on the Register, unless specially exempted by any by-law yet to be made; but this would not have been the case unless the Order in Council had appointed December 31 for the coming into operation of Section 1. I hope the foregoing explanation of the position as now presented to me will be found quite clear; the position as explained is truly an extraordinary one.

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office

SANGENE CHEMISTS (1933), LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of chemists, druggists, etc. R.O.: 20 Brazennose Street, Manchester.

PAROS CHEMISTS, LTD. (P.C.).—Capital £100. Objects: To carry on the business of chemists, druggists, etc. R.O.: 12 Kimberley Parade, Woodhouse Road, N. Finchley, N.

CITY SOAP WORKS, LTD. (P.C.).—Registered in Dublin. Capital £3,500. Objects: To carry on business as soap boilers, manufacturers of and dealers in soap and all kinds of laundry materials, etc. R.O.: 14 Father Matthew Quay, Cork.

CENTRAL BOX WORKS, LTD. (P.C.).—Capital £1,075. Objects: To acquire the business of manufacturers of boxes, now carried on by Emilie Jane Weatherill and Thomas H. Weatherill, at 22B High Street, North Dunstable, as "Central Box Works."

PHILIP CHURCH & SONS, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of manufacturers of and dealers in medicines, veterinary and medicinal oils and appliances, etc. R.O.: Sun Wharf, Bishop's Stortford.

J. W. BELL PARENT COMPANY, LTD. (P.C.).—Capital £1,000. Objects: To acquire the business of radiology, bio-chemistry and non-herbal chemistry in general carried on by J. W. Bell at 15 Brompton Arcade, Knightsbridge, S.W.6. R.O.: 10 New Oxford Street, W.C.1.

MEDWAY FINE CHEMICALS (1933), LTD. (P.C.).—Capital £33,000. Objects: To carry on the business of manufacturers, importers and exporters of and dealers in chemicals, fine chemicals, and chemical intermediates, salts, acids, gases, disinfectants and chemical compositions, etc.

MEGENOL CONCESSIONS, LTD. (P.C.).—Capital £2,000. Objects: To carry on the business of wholesale and retail chemists, druggists, etc., and to enter into an agreement with W. G. Andrewartha, Ltd., incorporated in New South Wales. Solicitors: Mumfords & Gordans, 14 Piccadilly, Bradford.

TINTEX DYES, LTD. (Public Company).—Capital £1,000. Objects: To acquire the business of British Tintex and Dye Products, Ltd., including the trade mark "Tintex," and to carry on the business of manufacturers of and dealers in dyes, dyestuffs, chemical drugs, paints, varnishes, colours, industrial, pharmaceutical and other preparations, etc. R.O.: 252/260 Regent Street, W.1.

Gazette

Partnerships Dissolved

STEINHART, VIVA G., STEINHART, S., and DYKE, ELLA F., 14 Well Street, Jewin Street, London, manufacturers of powder puffs, etc., under the style of V. G. Steinhart, so far as concerns Ella F. Dyke.

CAREERS FOR WOMEN.—Lovat Dickson, Ltd., 38 Bedford Street, London, W.C.2, have published (price 2s. 6d.) "300 Careers for Women," by Vyrmvy Biscoe. The information given in each case is concise and well arranged.

TAKING CARE OF IT.—A woman entered the shop of a Bolton pharmacist recently and, producing a copy of a local newspaper, asked for a proprietary article advertised in it and bearing his name. The paper was nearly four years old.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1933, p. 329.

(From "The Trade Marks Journal," August 23, 1933)

"DAKA"; for a veterinary skin preparation (2). By Elizabeth D. Farnham, 27 Beauchamp Place, London, S.W.3. 541,334.

"ZAYLOS"; for disinfectants (2). By Day & Emery, Ltd., 2 Everton Terrace, Liverpool. 543,043.

"THOM'S CAMPHOR SOAP," etc., on circular label design; also on strip label design; for disinfectant soap containing camphor (2). By David Thom & Co., Ltd., Whit Lane, Pendleton, Salford. B 541,232/257.

"ANIMALINE" on label design incorporating horse and cattle; for a veterinary preparation for sale in Northern Ireland only (2). By J. P. Hutchison, 20 High Street, Lurgan, co. Armagh. B 540,142.

"ANNIMEX"; for veterinary preparations (2). By Vet Remedies, Ltd., 21/23 Eagle Street, London, W.C.1. 542,700. (Associated.)

"BEECH-NUT" with picture of same on oval shape; for laxative chewing gum (3). By Beech-Nuts Sweets (England), Ltd., 61 Wigginton Road, York. 542,153. (Associated.)

"JIGGOS" and "MENTHYCYLATES"; for tablet medicines (3). By C. A. Paine, 131 Baker Street, London, W.1. 542,915/916.

"KENVITA" in cross form, with words "The all year tonic" (disclaimed); for tonic medicines (3). By D. Wyse, Church Street, Kingskettle, Fife. 542,333.

"WINTERGREEN MAGIC RUB" on circular design incorporating leaf and words "Walfox Brand" on triangle under fox, etc. ("Magic Rub" disclaimed); for ointment made from oil of wintergreen (3). By Walfox, Ltd., Batley, Yorkshire. 537,909. (Associated.)

"LINAMBROL" in script characters; for medicinal chemicals (3). By J. W. Carr & Son, 40 Bolsover Street, Sheffield. 542,321.

"ZEV"; for medicinal chemicals (3) and for perfumery, etc. (48). By Zev Laboratories, Ltd., 71 Chase Road, North Acton, N.W.10. 542,477/478. (Associated.)

"WINNER"; for all goods (3). By Whitaker & Co. (Kendal), Ltd., Old Shambles, Kendal, Westmorland. 543,133.

"ERBARAS"; for medicinal chemicals (3). By F. E. Coe, 88 Staines Road, Twickenham. 543,222. (Associated.)

"VOGISA"; for all goods (11). By Madam Forbes, Ltd., 109 Hinckley Road, Leicester. 543,379.

"LACTRON"; for elastic yarn stockings, etc. (11). By Dunlop-Revere Thread Co., Ltd., Holly Lane, Erdington, Birmingham. 542,828. (Associated.)

"BETEX"; for surgical instruments, etc. (11). By T. Horton, Mercantile Chambers, High Street, Merthyr Tydfil, Glam. 543,006.

"FAIRYKISS"; for skin emollients (48). By Kay Brothers, Ltd., St. Petersgate, Stockport. 542,953.

"PLASSET," "PERMBRILLE" and "PURLBRILLE"; for hair preparations (48). By P. C. Cooper, 18 Chilworth Street, London, W.2. 543,130/131/132.

"LUFATERCO"; for toilet creams and lotions (48). By Nogré, Ltd., 4 Museum Place, Cardiff. 542,009.

"CRESCENT" under design of crescent and letter "C" ("C" disclaimed); for perfumery, etc. (48). By Crescent Preparations Co., Ltd., 27 Old Bond Street, London, W.1. 542,463. (Associated.)

"CLYNOL"; for cosmetics (48). By F. Klein, 217 Kaiser Friedrichstrasse, Berlin-Neukolln, Germany. 542,846.

"KITROSA"; for perfumery, etc. (48). By G. A. Shiach Kitchin, 120 Nithsdale Road, Glasgow. 542,924.

MARKET RESEARCH.—The London Research Bureau, 150 Southampton Row, W.C.1, has issued a handbook by Mr. H. G. Lyall (director) on "Market Research" (pp. 79, 2s.). The book gives instructions for obtaining information of the kind sought by large-scale manufacturers.

The Business of a Japanese Apothecary

1. A Corner of the Pharmacy, with Safe, where the most expensive Drugs are kept, e.g., Gall-stones from the Ox. 2. The Serving Counter. The Apothecary is recommending, for Stomatitis, the placing of Animal Charcoal under the Sole of the Foot. 3. In the Apothecary's Laboratory. Medicaments shown include Snakes, Tortoises, unborn Monkeys and Deer, Caterpillars, and Foxes' Tongues. 4. Nests of Drawers. The contents consist largely of Animal Charcoal from different Sources. 5. Animal Charcoal being reduced to Powder. *Photographs by Y. Natori.*

Travellers

By Critique

WHAT a number we get nowadays, and how they differ in their various characteristics! A few of them drift in without being advised, present the cheapest piece of cardboard obtainable, and express great surprise when told their firm is not known to you. I verily believe that some think they are conferring a favour by offering to book an order. Our intellect must be of the feeblest not to wax enthusiastic about their wares. We are unable to judge what will sell, but they know. A gross to them is just one line in their order-book ; to us it might represent 144 customers, more probably half a dozen. With disdain they take their departure, really most annoyed because their generous offer to load us with unwanted stock has been courteously refused.

Fortunately we find our regular travellers of much better calibre. Quite a lot are sons of chemists, of refined nature, well educated, and they have served an authentic apprenticeship. Even amongst these we get different types. There is the firm's man (entirely) ; he expects big orders every time he calls and at prices ordained by his firm. Nothing else is of any importance. Sentiment is quite out of the question. Does he succeed, I wonder, because he happens to represent a house of repute, or does he simply get what we must order when he calls? Then we have the man who thinks of both his firm and his customers, with an inclination to favour his customer in view of future orders. He generally comes in more like a pal, is in no hurry to commence business, always ready to talk sufficiently on general subjects, leaves you to begin the actual ordering—but gives you the impression that he knows you will do so. Never queries quantities, however small. Waits until your order is completed, and then offers suggestions for your consideration only. Often he has tips which he retails as original, though more likely to have been culled from brother chemists and passed on.

"The Limit"

The toilet men are the limit. They must get orders if it is humanly possible, to keep up their returns ; and since there is a fickle public who are guided to a great extent by the fashion in toilet goods, it is often difficult to satisfy their desires. Do they honestly think the sales of toilet goods are tremendous, or is it a case of the wish being father of the thought? On the whole they are quite a decent lot of fellows and easy to get on with. Packed goods men amuse me ; they don't mind whether you stock six kinds of packing, so long as you order their particular one. Next journey they have altered their pack, reduced the price, or have supplanted some article altogether with another line.

The sundries men I feel sorry for, and yet they appear to do well. It seems so monotonous to me to carry their samples about journey after journey, fondly handling them several times a day year in and year out—the same old samples. I know them off by memory myself, so I should think they could recognise them blindfold. Then they cheerfully book an order for one of this and one of that. Gone, however, are the old days when a sundries traveller would arrive with several huge cases and we all gathered round to inspect, occasionally giving youthful advice. Things are brightening up, for we actually get offered a sprat to catch a mackerel in the form of golf balls, tablecloths, and silk stockings. We sometimes get travellers who are fussy with the staff, quite a good policy when the staff prepares the orders, but with a loyal staff it doesn't cut much ice. Others ignore the staff to their own detriment. For instance, last year, a toilet man was advised before I went for a holiday. Not having time to pass an order, I left instructions for the staff to give him one. On my return I found the traveller had interviewed my locum, ignored the staff, and missed booking an order (which went direct to his firm in due course). Some men will keep calling after having been told there is no hope of any business resulting. A few tell you they have made a special journey to see you, and think that a sufficient lever. They are always angry when told they were not asked to call. The threatening kind I like the best. They act like a pick-me-up. One man likes to work hard with the doctors to make me stock a line I don't want. He doesn't know the doctors ask my opinion before they prescribe any new line. Those who say they will not supply any other chemist in the town look rather alarmed when I tell them they are at liberty to do so. I don't mind, for I am the only one. Why not find out before making such a remark? We are not in business for the mere pleasure of providing orders for goods we don't require, neither are we stupid enough not to order what we want. Hence there ought to be no necessity to be rude to a man to get rid of him ; yet I am gradually being forced to that.

Wages During Illness

By a Barrister

A SUBJECT concerning which there is wide misunderstanding was brought into prominence recently by a report in the columns of "The Times" of a judgment delivered in the Court of Appeal for the Isle of Man setting aside a decision of the Deemster's Court (which corresponds to our County Court) in favour of a female shop assistant who claimed payment of wages during a period of absence through illness. The facts were that the girl in question was employed by the defendant to help in his shop at Douglas. He provided her with a bus contract and also with three meals a day when at work. He also paid her 14s. 3d. a week, which was what remained of her wages after deduction had been properly made for National Health Insurance. One day she remained away from work on account of illness and sent word to the defendant, who forwarded her week's wages to date, and while she remained ill she did not ask for any more. Eventually the defendant wired to the plaintiff: "Can you start work to-morrow? Otherwise place filled." She replied by wire: "Cannot start till Monday week." The defendant wrote, three days later: "We must consider your engagement off." The plaintiff continued to be ill, and drew sickness benefit at the rate of 13s. a week during the period of her absence. In an action subsequently she claimed from the defendant £3 11s. 3d. wages and £3 damages for wrongful dismissal. The Deemster gave judgment for the amount (five weeks' wages claimed), and another 14s. 3d., one week's wages for wrongful dismissal. Against this judgment the defendant appealed, and the appeal succeeded.

It is clear that this decision is not in accord with the decisions of the English Courts. The law, as stated in Halsbury's "Laws of England" (Vol. XX, p. 84), is:—

"A servant is entitled to his wages or salary during absence through temporary illness, provided that the contract of service remains in existence during that time, and that he is ready and willing to carry out his duties save for the incapacity produced by the illness, and this is so even though the illness be caused by the servant's own misconduct, provided such misconduct occurred before the contract of service was entered into and that he did not know, when entering into the contract, that the illness would eventuate."

For this epitome of the law there is abundant authority. In giving judgment in the case of Warburton v. Co-operative Wholesale Society, Ltd. (1917) (1, King's Bench Reports, p. 663), Lord Cozens-Hardy, Master of the Rolls, said: "It has long been settled that a contract of service is not terminated by incapacity to work by reason of temporary illness, and that on return to work the man can recover his wages during the period of his absence. In that case the period of incapacity lasted over a year—from February 1914 to March 1915. That may explain the point made by Mr. Marshall Freeman (in a letter published in "The Times" criticising the decision of the judge of the Manx Court) that Section 47 of the original National Insurance Act of 1911 carried with it a vague suggestion that payment of wages during sickness depended upon custom. That section was repealed in 1918, and the statute law dealing with health insurance since then has left the matter severely alone as being covered by the ordinary law of contract.

Photography of Pathological Specimens

THE importance of photography as a means of recording morbid anatomical specimens is increasingly recognised, but the difficulty is to obtain sufficiently good photographs. Photographic chemists may be of considerable assistance to pathologists in achieving satisfactory results, even if they do not undertake such work themselves, and the following abstract of an article in a recent issue of the "British Medical Journal" describes the procedure to be followed:—

Apparatus

Camera.—Any camera capable of taking close-ups and with an aperture stopping down to f/45 will suffice. The stand should be adjustable for height and be capable of inverting the camera in order to take pictures directly downwards.

Illumination.—This is standardised by using a wooden box 20×20×15 inches. In the place of a lid a wooden shelf 4½ inches wide is fitted round the top of the box on the inside; this should slope downwards at an angle of 60 degrees from the horizontal, leaving an opening 11 inches square in the centre. This "roof" rests on the edges of the four sides and is instantly removable. In each of the four upper corners of the box a 100-watt frosted bulb is fitted, so placed as to be invisible from above when the "roof" is in position. In one side of the box a door of "lift-out" type, 14×8 inches, is provided. The sides of the box and the under side of the "roof" are painted white, the floor being a dull neutral colour; the upper surface of the "roof" is painted matt black. The remainder of the apparatus consists of a straight-sided glass bowl 10×4 inches, a circle of ebonite of slightly smaller diameter than the bowl, and four wooden blocks each 1×2×4 inches.

Preparation of Specimens

The specimen is immersed in Kaiserling's solution "A" as soon as possible after death, and left for a week or more. A thick bed of cotton-wool is always used to ensure that the specimen is not distorted by its own weight, and it is sometimes a good plan to pin a specimen on a piece of board in roughly the position in which it is desired to photograph it. Membranous structures such as heart valves, cyst walls, or fascial bands are carefully coaxed into the required position by packing with cotton-wool, while brains are suspended in the solution by a string passed beneath the basilar artery. The solution requires to be changed after the first twenty-four hours. After fixation any packing, etc., is removed, and the specimen placed in water. In the great majority of cases it sinks unevenly or not at all, some unimportant portion obtrudes itself into prominence, and many unsuspected fatty and fascial tags float upwards to spoil the outline. The various faults are noted and the specimen removed. A number of leaden strips of from one-third to one-half of an inch in width, and from two to six inches in length, notched at intervals of half an inch along their sides, are kept ready, and one of these of suitable size is now stitched firmly across the under side of the specimen. Two good stitches are usually enough. The strips should not be left in position for more than an hour or so, as the lead reacts with the solution and stains the specimen. Fatty tags are best trimmed away under water.

Photographing

The glass bowl is filled with water and the ebonite disk immersed in it. The bowl is placed in the centre of the illuminated box, supported on the wooden blocks, whose dimensions allow of three variations in its height from the floor of the box. The camera is then inverted over the opening in the roof of the box, and the bowl manœuvred until its centre is visible in the centre of the viewing screen. If the room is darkened no focusing hood is required—an immense convenience. The specimen is now introduced through the door in the side of the box, and is carefully centred on the viewing screen. The camera is adjusted to such a distance that the object, when in focus, does not quite fill the screen. Some care has to be taken to ensure that the uppermost surface of the object is exactly horizontal, otherwise serious foreshortening distorts the picture. A ruler, so placed that it appears at the edge of the picture, is an added refinement. For most objects the lighting as described is almost ideal—evenly diffused and without harshness or shadow. In the case of a light-coloured object having a convex surface, such as a brain or a fatty heart, so much light is reflected on to the sides that these become over-illuminated in relation to the upper surface. To correct this a paper collar is fixed around the outside of the bowl, its height being adjusted until the top light is definitely greater than the side light. Fresh specimens are best taken immersed in kerosene. No weights are required, and there is little tendency to clouding of the medium by leakage of blood. This risk is minimised by rinsing the specimen in kerosene before placing it in the bowl, and by very careful handling during posing. Kerosene does not spoil specimens for subsequent preservation, but its extreme inflammability is a very serious objection, and rigid precautions should be observed if it is to be used. When the pose is quite satisfactory the highest point of the object is sharply focused, the aperture set at f/45 and the picture taken. The length of exposure varies with the aperture, the lighting, and the type of film or plate. These three being standardised, the optimum time is easily found by experiment. With the authors' illumination ninety seconds is correct.

Choice of Film.—Kodak panchromatic films for nearly all objects; no filter is necessary, and very good colour values are obtained. The films must be developed in total darkness. For cut slices of brain Kodak commercial film is used, but these slices are not easy to take. The best method is to adjust the paper collar so as to cut off all side light and take at f/22, with a corresponding decrease in exposure. Brilliant differentiation between grey and white matter is obtained by taking a rather thin negative and printing on "contrast" paper.

Reminiscences

By "Old Timer"

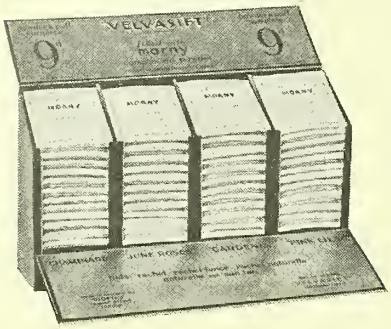
PERHAPS some of your readers would be interested in some reminiscences of thirty or forty years ago. In those days we started work at 8 a.m. and finished at 9 p.m., with an hour and a half off for meals; on Saturday we closed at 11 p.m. Many chemists sold snuff; several old "codgers" used to call in each day for a free pinch on their way to business, and when they could afford it purchased a small quantity, watching carefully to see that full weight was given. We had a regular visitor—a well-known character—"Salt Jim," who did very little work, but for a small coin would perform a song and dance in the shop; woe betide you if you failed to remunerate him, as his expletives were crushing.

There was a great demand for pills and draughts; we were regularly mixing and rolling out pil. rhei co., and what a lovely polish we gave them! Later a hand pill-coater was purchased, but never gave complete satisfaction. Black draughts and blue pills were sold chiefly to "drunks" on Saturday evenings. Sometimes apprentices suffered severely at the hands of assistants; they were set to powder crushed quillaia and capsicum, and only when they became bleary-eyed and weary were they permitted to stop.

It was usual to pack (and push) Blaud's pills in boxes at 4½d. per gross; they sold like hot cakes. One lady made out that she had been given purging pills in error; this we denied, but she placed the matter in the hands of a solicitor, who claimed damages. In court, however, the judge awarded the verdict to us.

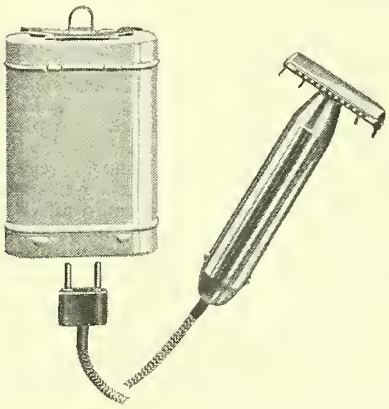
Trade Notes

VELVASIFT.—We illustrate herewith an interesting and attractive innovation by Morny, Ltd., 6 New Burlington Street, London, W.1. The Morny Velvasift is a patented toilet article which, the makers believe, has every possibility of superseding the use of vanity cases, it being claimed to be the most elegant, hygienic and convenient method of using and carrying loose powder. The little silk velvet pad (2⅜ in. by 2⅜ in.) contains a sealed tissue bag of complexion powder, the contents of which remain fresh and uncontaminated until it is broken by the user. After the tissue bag has been broken a few dabs of the silk velvet face of the pad on the skin will commence an even flow of powder at a given rate. The reverse side of the Velvasift, being made of a powder-proof material, may be used to smooth powder over the skin if an excess quantity has been applied. Each Velvasift is stated to contain three weeks' normal supply of complexion powder; a range of odours and tints is available. A list of Messrs. Morny's Christmas stockrooms throughout the country will be found in the advertisement pages of this issue.



DANIA brand aspirin tablets are manufactured by Richard Daniel & Son, Ltd., manufacturing chemists, Mansfield Road, Derby, who guarantee their product to be made with the finest B.P. acetylsalicylic acid. Inquiries are invited also for all varieties of tablets, plain, sugar- or chocolate-coated, and the company will be pleased to quote for any formula.

ELECTRIC SAFETY RAZOR.—When compiling lists of requirements for the coming festive season, it will be necessary to include a number of gifts suitable for presentation to men. This not infrequently presents some little difficulty, and any new feature, such as the Sirama electric safety razor (illustrated herewith), makes a welcome addition to the range. There is nothing complicated about this razor; a pocket lamp battery (4.5 volts) supplies the current necessary to operate a small but thoroughly efficient electric motor housed in the handle. The motor causes the blade to glide to and fro at a high speed, giving an oblique shaving action. Any three-hole blade can be used, and the lather is obtained in the usual way. About three months' service will be given by the battery, which can be replaced for a modest sum. A flick of the handle starts the motor and pressure on a lug under the cap stops it. The makers are Siemens-Schuckert (Great Britain), Ltd., 30 New Bridge Street, London, E.C.4.



VITAMINS, LTD., 23 Upper Mall, Hammersmith, London, W.6, make an important announcement in our advertisement pages with reference to Bemax and Bemax chocolate.

NEW CATALOGUE.—John Thompson (Wholesale Druggists 1921), Ltd., 27 Duke Street, Liverpool 1, have issued a revised edition of their price list of proprietary articles, druggists' sundries, packed drugs, photographic materials and shop fittings.

DUDLEY & CO., LTD., 451 Holloway Road, London, N.7, have sent us their latest list of designs in autumn tickets, showcards and posters. This list, which contains many new ideas and suggestions, will be sent free to any of our readers on mention of the *C. & D.*

CHEMISTS who are contemplating modernising their dispensing departments or equipping new pharmacies will be interested in the advertisement in this issue of William A. Webb, Ltd., 4 and 5 Skinner Street, London, E.C.1, which sets forth the features of the White Monarch enclosed dispensing balance.

GILLETTE INDUSTRIES, LTD., 197 City Road, London, E.C.1, have produced the new Gillette centrepiece display illustrated herewith. The display is printed in Gillette standard colours—graduated greens, yellow and black. A silver facsimile of the new Gillette slotted blade is prominently featured in the centrepiece and the side supports are designed to display two Gillete razors. Two attractive "face cards" have also been produced, printed in the same colour scheme as the centrepiece.

"SOMETHING NEW" is the theme of an interesting advertisement elsewhere in this issue for packed liquid soap. The makers, William Hay, Ltd., manufacturing chemists, Hull, offer to send a free sample together with full particulars and prices on application.

EVANS' ASPIRIN TABLETS.—Evans Sons Lescher & Webb, Ltd., manufacturing chemists, Liverpool, call attention, elsewhere in this issue, to the merits of Evans' aspirin tablets, mentioning particularly accuracy of dosage, rapid and thorough disintegration in water, and keeping qualities.

MR. C. H. NORTH, 16 Oakley Street, Chelsea, London, S.W.3, who is leaving shortly for the West Indies and Central America on behalf of a well-known drug firm, is open to represent one or two other firms desirous of increasing their business in that territory.

VINOLIA BABY SOAP AND FREE BIB OFFER.—Vinolia Co., Ltd., Bebington, Cheshire, write with reference to the Vinolia Baby soap and free bib offer as follows:—"As we and our wholesale friends are only supplying the special pack with bib when specified, and apparently some of your readers expect it when they order Baby soap without specifying the bib, may we ask you to be good enough to insert a paragraph to the effect that the special Vinolia box of three tablets Baby soap, with double-sided washable bib, is supplied both by us, and wholesalers generally, only when specified, and in the absence of any specification the standard 3-tablet or 12-tablet box, without bib, will be supplied to meet the demand for orders for single tablets, and for those of the trade who require supplies for sale when the bib offer is withdrawn, and for general repeat orders."

ELECTRIC TORCHES.—With the approach of the darker evenings some useful business can be done in electric torches, particulars of which will be found in the announcement of Pifco, Ltd., High Street, Manchester, and 150 Charing Cross Road, London, W.C.1. A postcard to either address will bring a representative with a range of Pifco flashlights in display cartons.

PHYLLOSAN BONUS OFFER.—The proprietors of Phyllosan tablets again invite chemists to take advantage of a thirteen-to-the-dozen bonus offer, particulars of which will be found in our advertisement pages. Phyllosan tablets are, of course, extensively advertised, and many chemists will regard it as good business to make sure of an adequate supply on the bonus terms. With each bonus order a set of new showcards will be supplied free, and the free window-display service will be continued. The distributors are Fassett & Johnson, Ltd., 86 Clerkenwell Road, London, E.C.1.

HOWARDS' BONUS OFFER.—During September and October, a special bonus of forty-eight 10d. bottles of Howards' aspirin tablets will be given free by Howards & Sons, Ltd., manufacturing chemists, Ilford, with orders for two gross 25's Howard's aspirin tablets, provided a window show is made. As a concession to chemists who prefer to carry a smaller stock, a special bonus of one and a half dozen 25's will be given with orders for one gross on the same terms. The early autumn and winter colds usually bring about a demand for aspirin; and Howards' tablets, besides being on the P.A.T.A., are pure and British-made.

Births

Notices for insertion in this column must be properly authenticated.

BEST.—At the Liverpool Maternity Home, on August 28, the wife of I. Best, M.P.S., Bestina Pharmacy and Post Office, 23 Utting Avenue, Anfield, Liverpool, of a son.

FINN.—At Crowborough, on August 25, the wife of H. D. W. Finn, chemist and druggist, of a son.

GARNER.—At the Nursing Home, Lavender Gardens, Clapham Common, London, S.W.11, on August 22, Marjorie, wife of A. R. Garner, chemist and druggist, of a daughter.

Marriages

CONLAN—MCFARLIN.—At St. Mathew's, Liverpool, on August 16, by the Rev. Father Weston, Michael Joseph Conlan, M.P.S.I., eldest son of Mr. C. Conlan, "Glenmore," York Road, Rathmines, to Lydia, daughter of Mr. A. H. McFarlin, West Derby, Liverpool.

GROVE—TURNER.—At All Saints' Church, St. Ives, Huntingdonshire, on August 29, David Stevenson Grove, second son of Dr. W. R. Grove, to Mabel Anne (Molly), only daughter of Mr. H. S. Turner, chemist and druggist, St. Ives.

HARPER—CARTWRIGHT.—At the Caledonian Hotel, Edinburgh, on August 16, by the Rev. John G. Tosh, M.A., Galashiels, Louis R., second son of Mr. L. Harper, Seafield House, Aberdeen, to Margaret, second daughter of Mr. B. Cartwright, chemist and druggist, Galashiels.

PATTON—HARMAN.—At St. George's Church, Carrick-on-Shannon, on August 21, by the Rev. J. C. Beresford, M.A., Joseph Patton, Carrick-on-Shannon, fifth son of the late William Patton, Straid, Ballyclare, co. Antrim, to Almyra Frances (Ivy), only daughter of the late Mr. R. D. Harman, Ph.C., Medical Hall, Carrick-on-Shannon.

PILKINGTON—SWINDELLS.—At Flowery Field Church, Hyde, on August 12, Vincent Pilkington to Marian, second daughter of Mr. Fred Swindells, chemist and druggist, Hyde.

STEELE—WITHERS.—At St. Martin's Church, Gospel Oak, London, N.W.5, on August 26, Radmore R. Steele, M.P.S., eldest son of Mr. W. H. R. Steele, M.P.S., 273 Fulham Road, London, S.W.10, to Florence (Tollie) Withers, daughter of Mr. W. Withers, 12 Vicars Road, Gospel Oak, N.W.5.

TOONE—SNASDELL.—At the Church of the Martyrs, Leicester, on August 31, by the Rev. John Broadbent, William Lorenzo Toone, Ecclesall, Sheffield, to Winifred Grace Snasdell, chemist and druggist, Leicester.

Deaths

KING.—At the North Riding Infirmary, Middlesbrough, on August 26, after a motoring accident, Mr. Thomas Mountain King, apprentice to his uncle, Mr. A. Mountain, chemist and druggist, Redcar, aged nineteen.

RAFFAN.—At 34 Albert Place, Stirling, on August 22, the wife of ex-Provost John Raffan, chemist and druggist.

REID.—At 569 Maryhill Road, Glasgow, on August 22, Mr. William Bowman Reid, chemist and druggist. Mr. Reid qualified in 1904.

ROWLAND.—In a Shrewsbury nursing home, recently, Mr. Sidney Comberbach Rowland, retired chemist and druggist, Wrexham Road, Whitchurch, aged sixty-one. Mr. Rowland was a grandson of Mr. Edward Rowland, who founded the business in 1810, and a brother of Sir Leonard Rowland (L. Rowland & Co., Ltd., chemists, Wrexham). He purchased the Whitchurch business in 1910, and admitted his son, Mr. R. S. Rowland, chemist and druggist, to partnership in 1922, retiring in his son's favour last year. He had served on the Whitchurch Urban Council since 1907.

SIMPSON.—At Peterhead, on August 17, Mr. James Simpson, chemist and druggist, aged seventy.

TAYLOR.—At Brighton, on August 17, Mr. Thomas Rolf Taylor, chemist and druggist. Mr. Taylor qualified in 1894.

WILLIAMSON.—At 593 Upper Richmond Road, Richmond, Surrey, on August 18, Mr. James Williamson, chemist and druggist, aged seventy-nine.

Personalities

DR. J. O. WAKELIN BARRATT has been elected Master of the Society of Apothecaries of London, in succession to Dr. Reginald C. B. Wall.

MR. MONTAGUE C. ROCK, chemist and druggist, who has acquired the Roberts Pharmacy, 275 Main Street, Gibraltar, served his apprenticeship with the late Mr. Prebble, Chislehurst. After qualifying in 1910 he obtained considerable continental experience, and then commenced business for himself at Maidenhead. Mr. Rock removed to Enfield in 1921. He was secretary of the Berkshire Pharmacists' Association from 1913 until 1921, founder and first president of the Enfield and District Chemists' Association and the Enfield and District Branch of the Photographic Dealers' Association. Mr. Rock is also a prominent freemason.

Wills

MR. JAMES ALFRED SYMONDS, Ipswich, chemist, who died on April 9 last, left estate of the gross value of £20,913, with net personalty £13,292.

MR. WILLIAM ARTHUR WYNNE, Rock Ferry, Birkenhead, chemist, who died on March 19 last, aged sixty-four, left estate of the gross value of £6,011, with net personalty £2,205.

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Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

B/29. Alcona shampoos
M/24. Azalia cream
B/30. Beeswick's tonic
B/29. Bunsall's nerve tonic powder
M/29. Natose Manufacturing Co. (makers of Nepecia quinine hair tonic), address
W/20. Osoquick razor blades
L/25. Pellatoes (for diabetes)
B/30. Pinkstone hair remover
B/29. Pyllax brilliantine
B/30. Smilax tablets
B/28. Zahnol mouth - wash tablets

THE
CHEMIST AND DRUGGIST
VOL. CXIX. SEPTEMBER 2, 1933 NO. 2795

French Guinea Oil of Orange

It was only towards the end of 1932 and the beginning of this year that French Guinea orange oil gradually became a really important factor in the market. There was at first, in this country at any rate, the usual prejudice against an oil from a new source, but the inordinately low prices at which it was offered induced consumers to consider it seriously. Results differed considerably, largely because qualities varied, and arrivals are still not uniform. Citrus oils are all more or less liable to oxidation, and orange oil is possibly one of the worst in this respect. The production, cleaning, transport and shipment of orange oil in the tropical climate of West Africa obviously provide a host of difficulties, and may be accepted as an explanation of the wide variations in quality of some of the oil shipped to Europe. It has sometimes been said that oil from this source will not keep. Experience has shown that, provided the quality is right to begin with, it will keep in satisfactory condition equally as well as orange oil from other sources. Some buyers of this oil who have bought at very cheap prices are reported to have had trouble; they have found the ester content as much as 25 to 30 per cent. below what it should be, but it would not be fair to condemn Guinea orange oil in general because of this. Buyers should first of all make quite certain that their oil is produced under proper supervision, and not merely collected from natives. They should insist also that the containers are tin-lined and not galvanised, and finally that the oil is refiltered as soon as it arrives in a temperate climate. If these conditions are fulfilled Guinea orange oil will stand comparison with oil produced anywhere in the world, and some of the largest users, both in the perfumery and flavouring trades, now prefer it to all others.

Market Prices

With regard to prices, it does not seem likely that we shall see again the fierce competition and ridiculously low prices touched in the early part of this year, when sales were made in bulk quantities at under two shillings per lb. c.i.f. There were various reasons to explain this uneconomic price: (1) the general depression; (2) the necessity of inducing buyers to interest themselves in a new product; (3) a price-cutting war between the important shippers which had the secondary, but not unimportant, object of eliminating the smaller firms and the inferior qualities; (4) the importance of increasing the world consumption of orange oil. As far as can be ascertained, all of these objects have been attained, with the exception of the complete elimination of inferior qualities, and prices are now about 75 per cent. above the lowest with spot stocks of good oil negligible. There are two crops a year in French Guinea, one small one in the summer (August–September) which produced nearly twenty tons of oil last year and, in spite of pessimistic forecasts, is likely to produce just about as much this year. The main crop commences towards the end of November and continues in full swing for about three months. A certain amount of oil is produced in March and April, but the oranges are then getting ripe, and as the practically unanimous opinion of consumers is that the oil produced from the green fruit is better than that from the ripe, production during these months can be ignored. The winter crop last year amounted to 105 tons in all. In view of this huge figure it is hardly surprising that shippers at first sold at extremely low prices. It may well be that the present summer crop will prove ample to supply requirements up to the end of the year, and that the production for December–March will reach the present estimate of about 90 to 100 tons (which is about one-third of the world's annual consumption of orange oil), but producers and shippers now know that the world can absorb these substantial quantities and so are not likely again to accept the panic prices of last winter. Moreover, if the price falls too low, it will pay the natives to turn their attention to other things, such as groundnuts, rubber or palm-oil. It should also be remembered, however, that any attempt to raise prices, or perhaps even to maintain them at the present comparatively high level, might jeopardise the whole industry by checking consumption and reproducing last year's chaos. Buyers may rest assured that the leading interests in the industry are fully alive to this risk.

The National Health Insurance Formulary

A service of no ordinary character has been rendered by Mr. John Humphrey to the large proportion of retail chemists who, together with many manufacturing and wholesale chemists, are interested in the National Health Insurance dispensing service. In an article in this issue (pp. 324-26) that is evidently the outcome of a prolonged study of the second edition of the "National Formulary for National Health Insurance Purposes," Mr. Humphrey analyses the numerous changes made in the Formulary, and gives list of additions, alterations and omissions. The scope of these changes may be indicated by a brief quotation from Mr. Humphrey's comments on the Misturæ:—

> Whereas the original Formulary had eighty-three formulas for mixtures, the new edition contains ninety-seven. Only thirty-nine of the former appear to remain unaltered, and two of those have slightly altered names; thirty-two formulas have been modified to a greater or lesser extent, and twelve of the original ones omitted. Finally, there are twenty-six new formulas. . . .

We can only suppose that the multiplicity of these and other changes specified will come as an unwelcome shock to the majority of the chemists who undertake insurance dispensing. While every formulary is susceptible of improvement, we are not aware of the existence of any serious dissatisfaction with the first edition of the Formulary as a whole; and we may not unreasonably wonder what changes have occurred in the conditions of panel prescribing to warrant so sweeping a revision. We may also express a legitimate apprehension as to the frequency with which this process of overhauling may be repeated, and the length of time that will be allowed for existing stocks of obsolescent preparations to be cleared.

A New National Insurance Formulary

By John Humphrey, Ph.C.

REVISION of the "National Formulary for National Health Insurance Purposes" has resulted in the production of a much improved second edition, on nearly every page of which change is manifest. The general plan of the book is unaltered, except that the index to formulas has been transferred to the end, instead of preceding the section containing the formulas. There is a certain advantage in this, but it is much to be regretted that the compilers did not go a stage further and furnish a detailed index to the formulas, as this would have facilitated the quick finding of a peculiar formula, particularly when it has a synonym which some prescribers may prefer to use, or when it is grouped under such headings as "Collunaria" and "Pasta." As it is, we find certain tablets under the former heading and gelat. zinci under the latter, while synonyms have to be sought with a patience which is likely to be badly strained if they occur in prescriptions received during a rush of dispensing.

The preface to the book has been shortened by omission of the lengthy explanations with which it formerly began, and it is noteworthy that the reference to apothecaries' weight has now disappeared. Imperial weights and measures are used throughout the formulas as in the British Pharmacopœia; the names of substances and preparations which are official have also been altered to conform to the 1932 B.P. It will be found that the change in the system of weights and measures affects only quantities such as drachms and ounces of solids, together with a certain number of formulas in which the quantities are calculated on a percentage basis.

In the notes for the guidance of medical practitioners in prescribing, which have been condensed with advantage, the subject of proprietary preparations is dealt with at some length, special reference being made to the position in respect of broken bulk packages. Most of the examples showing how to avoid the higher dispensing fee have now been omitted, but there is one passage in which the presence of an apparently redundant comma tends to confusion. It is worded as follows:—

"Preparations . . . other than liquid Extract of Liver, Fehling's Solution, and preparations, which are dangerous drugs."

The comma after the word "preparations" seems out of place, and it is unfortunate that the writer of the passage should lend encouragement to the idea that particular medicaments are correctly described as "dangerous drugs" because they are affected by the provisions of the Dangerous Drugs Acts.

Extensive Revision

Section III gives particulars of the method of investigating cases of alleged over-prescribing, and paragraphs 4, 5 and 6 have been rewritten. In the next section the list of appliances which may be ordered has been brought up to date, as also has the list of drugs and appliances which may be prescribed or dispensed, and are not covered by the capitation dispensing fees. Revision of the section dealing with the Dangerous Drugs Acts as affecting medical practitioners brings that also up to date, with the list of specially exempted drugs and preparations based upon the new British Pharmacopœia. Here again, on page 26, occurs an instance of misuse of the description "dangerous drugs"; the word "dangerous" is superfluous where used and might just as well have been omitted.

The list of proprietary articles and of drugs and preparations of reputed analogous therapeutic effect appears to have been subject to careful revision, but it would have been well to recognise that all articles and preparations included in the B.P., 1914, and not included in the B.P., 1932, are to find a place in the forthcoming British Pharmaceutical Codex. Names of articles which are obtainable only under the proprietary designations are no longer included to vex the soul of the dispenser who finds it impossible, after taking much trouble, to procure non-proprietary equivalents wrongly assumed to be marketed under their chemical names; other sensible omissions are names which were not proprietary, such as antipyrine, creosotum, heroin, liq. sennæ dulc., and sol. adrenalin., though such non-proprietary names as Carlsbad Salts and Chillie Paste are still retained, presumably because there are proprietary varieties of both preparations. Tylcalsin is misspelt as "Tylcalsim," while arrhenal has its suggested equivalent given as di-sodium methylarsenate (*sic*) instead of the much more convenient term sodium cacodylate of the Codex. The many omissions from the original list of proprietary articles include Duotal, Formin, Theocin and Thermogene, while the additions include Kalzana, Maclean Brand Powder, Radiostol and other proprietary forms of irradiated ergosterol. If, however, the last-mentioned preparation is looked up in price lists, it will usually be found that one is referred to a proprietary brand, and no small difficulty is likely to be experienced in obtaining supplies of any non-proprietary irradiated ergosterol. It may also be pointed out that "Glycerole Pepsin" is not a proprietary name, but the B.P.C. synonym for glycerinum pepsini fortius with a final "e" added to the first word.

Changes in Formulas

Coming now to the formulas section, which is the most important from the pharmacist's point of view, the changes noted are so very numerous that dispensers will require more than a little time to get accustomed to them. Here again, the compilers of the Formulary have missed an opportunity, by not providing with the book a well-arranged guide to the changes in names and formulas, the additions and the omissions. As it is, insurance chemists will need to be particularly careful not to let undue reliance upon memory lead them into error after the new edition of the Formulary comes into operation, and they should take the precaution of overhauling any stock of N.I.F. preparations or material they may happen to have left on hand.

Formulas are now provided for red and yellow colouring solutions, also for liq. sacch. ust. and liq. ammon. aromat. Marked stress is laid upon points arising in connection with the prescribing of ergot, and the use of ergota præparata in capsules is strongly urged. The inclusion of 5-gr. capsules of this preparation is the only change in the list of formulas for capsules. Three medicated collodions have been introduced, one new eye wash, and one emulsion, while all the other emulsions have been modified to some extent. There are two new formulas for gargles, four for ear drops, two for eye drops, one for an injection, one for a linctus, and three for lotions. Modified formulas are given for one mouth wash, four emulsions, two gargles, two draughts, two linctuses and five lotions. Probably the changes in the mixtures will cause most concern to chemists. Whereas the original Formulary had eighty-three formulas for mixtures, the new edition contains ninety-seven. Only thirty-nine of the former appear to remain unaltered, and two of those have slightly altered names; thirty-two formulas have been modified to a greater or less extent, and twelve of the original ones omitted. Finally, there are twenty-six new formulas, including all those which were formerly included in the Middlesex Addendum. It is worthy of special note that American fluid extracts are no longer ordered in any of the mixtures, their place being taken by the corresponding liquid extracts of the new British Pharmacopœia.

There are two new formulas for sprays, while another has been modified. Two of the eye ointments may

either be regarded as modified formulas or, preferably, as new ones replacing two which have been omitted; another eye ointment has been modified. There is one new paste, and the names for Lassar's and Unna's pastes have been altered. Three new paints are included, two are modified, and the name for Mandl's paint has been shortened. There is only one new pill; but one pill formula has been modified, two names of pills have been altered, and seven pill formulas have been omitted. Further additions are two powders, antiseptic spirit, eight tablets, three ointments and two inhalations. Two powders, two ointments and one inhalation have modified formulas, while further omissions include one syrup and two tablets.

For the convenience of dispensers, I append a synopsis of changes in the formulas and names. This includes separate lists of additions, alterations and omissions, arranged in a convenient form for ready reference. It is hoped that this synopsis will help to minimise the trouble naturally attending the change over from a formulary with which chemists are quite familiar to another which bristles with changes. Later, it will doubtless be agreed by all concerned that the second edition of the National Insurance Formulary is a decided improvement upon its predecessor, and chemists may not feel indisposed to recognise the pains taken by the compilers to produce a practical working guide for prescribers and dispensers alike. They will still, however, have one small grievance in respect of instances where, say, three minims of a liquid medicament is ordered in a half-ounce dose. Whether a six-ounce or an eight-ounce mixture be required, the total quantity of that particular medicament cannot be measured with the same ease and precision as a quantity for which provision is made when graduating the measure-glass. Reduction of the three minims to two and a half would overcome this difficulty, and the patient need not suffer. It is to be remembered that the dispensing of medicines for insured persons is often done under great pressure, and that the working of the scheme for the testing of drugs and appliances results in a constant check being kept on the chemists' work. No pains should be spared, therefore, to adjust the doses in prescriptions so as to facilitate rapid and precise measurement of small quantities of liquid medicaments.

Synopsis of Changes in Formulas

Additions

Caps. Ergot. Præp.
Collod. Callosum
Collod. Salicyl.
Collod. Salicyl. Co.
Collyr. Acid. Boric. c. Hydrarg. Perchlor.
Emuls. Petrol. c. Kaolin.
Garg. Antiseptic.
Garg. Formaldehyd.
Gutt. Auribus Perox.
Gutt. Auribus Resorcinol
Gutt. Auribus Sod. Bicarb.
Gutt. Auribus Spt.
Gutt. Argent. Nit.
Gutt. Cocain. c. Oleo
Inject. Zinci Sulphocarbolas
Linct. Morph. Rub.
Lot. Acid. Boric.
Lot. Cupro-Zincica
Lot. Plumbi
Mist. Aconiti
Mist. Cascar. c. Nuc. Vom.
Mist. Catechu Co.
Mist. Copaibæ
Mist. Creosot. Sed.
Mist. Euphorb. Co.
Mist. Expect. Alk.
Mist. Expect. Nig.
Mist. Grindeliæ
Mist. Ipecac. c. Scill.
Mist. Kaolin.
Mist. Kaolin. Sed.
Mist. Oxymellis
Mist. Phenacetin. Co.
Mist. Pot. Brom. et Strych.
Mist. Pot. Chlorat. et Hydrarg.
Mist. Pot. Chlorat. c. Ferro
Mist. Pot. Iod. c. Ipecac.
Mist. Quin. et Gelsem.
Mist. Scillæ Co.

Additions—*cont.*

Mist. Sod. c. Bismuth.
Mist. Sod. et Mag. Sulph.
Mist. Sod. Phosph. Acid.
Mist. Sod. Sal. Co.
Mist. Tuss. Rub. (*vel* Tuss. Acid.)
Mist. Zingib. c. Rheo
Neb. Ephedrin.
Neb. Iodi c. Phenol.
Oc. Atropin.
Oc. Atropin. c. Hydrarg. Oxid.
Pasta Mag. Sulph.
Pigment. Aconit. Co.
Pigment. Capsici c. Methyl Sal.
Pigment. Iod. Mit.
Pil. Ferri et Aloin.
Pulv. Acid. Tannic.
Pulv. Zinc. et Amyli
Spt. Antisepticus
Tab. Aspirin et Phenacetin.
Tab. Parathyroid.
Tab. Phenobarbiton.
Tab. Pot. Permang.
Tab. Quin. Bisulph.
Tab. Sod. Calc. Lact.
Tab. Stann. Co.
Tab. Thyroid. B.P.
Ung. Acid. Benzoic. Co.
Ung. Iodi c. Methyl Sal.
Ung. Z.E.B.
Vap. Benzoin. Co. c. Menthol
Vap. Menthol Simp.

Alterations

Collut. Pot. c. Phenol.
Emuls. Ol. Morrh.
Emuls. Ol. Morrh. c. Hypophosph.
Emuls. Petrol. c. Agar
Emuls. Petrol. c. Phenolphthalein et Agar
Garg. Carbol. Co.
Garg. Pot. Chlor. c. Phenol.
Haust. Bromid. et Chloral
Haust. Chloralamid. Co.
Linct. Diamorph. Hydrochlor.
Linct. Morph. Co.
Lot. Acid. Carbol.
Lot. Calamin. Co.
Lot. Calamin. Oleos.
Lot. Eusol
Lot. Plumbi c. Opio Conc.
Mist. Acid. Acetylsal.
Mist. Ammon. Chlor.
Mist. Bellad.
Mist. Bismuth. et Ammon. Cit.
Mist. Bismuth. Sed. Fort.
Mist. Brom. et Chloral
Mist. Buchu et Hyosc. Alk.
Mist. Calc. Lact.
Mist. Camph. Co.
Mist. Cascar.
Mist. Colchic.
Mist. Colchic Co.
Mist. Creosot. c. Pot. Iodid.
Mist. Diaphoret. (*vel* Salin.)
Mist. Digital. c. Scill.
Mist. Diuret.
Mist. Expect.
Mist. Ferr. et Ammon. Cit.
Mist. Ferr. Aperiens
Mist. Ferr. et Quin.
Mist. Ferr. Salicyl.
Mist. Gent. Acid. c. Nuc. Vom.
Mist. Lobel. Co.
Mist. Nuc. Vom. Alk.
Mist. Phenazon. Co.
Mist. Pot. Bicarb. c. Hyosc.
Mist. Pot. Brom.
Mist. Rhei Co.
Mist. Seneg. Ammon.
Mist. Sod. Sal.
Mist. Tuss.
Mist. Tuss. Sed.
Neb. Menthol. c. Thymol.
Oc. Hydrarg. Oxid. Flav.
Pigment. Iod.
Pigment. Iod. Fort.
Pil. Aperiens
Pulv. Antacid.
Pulv. Bismuth. Co.
Ung. Bismuth. c. Camph.
Ung. Calamin.
Vap. Eucalypt.

OMISSIONS

Caps. Ol. Allii
Inject. Pot. Permang.
Linct. Tuss.
Lin. Calcis
Mist. Antimon. c. Pot. Brom.
Mist. Ergot.
Mist. Ergot. Co.
Mist. Ferr. et Pot. Chlor.
Mist. Ferr. et Quass.
Mist. Gelsem. et Bellad.
Mist. Gent. Alk. c. Nuc. Vom.
Mist. Gent. Ammon.
Mist. Rhei c. Sod. Sulph.
Mist. Sod. Sulph. Co.
Mist. Strophanth.
Mist. Tuss. Acid.
Oc. Atropin. Dil.
Oc. Flav. c. Atropin.
Pil. Aloes et Myrrh.
Pil. Colocynth. Co.
Pil. Ipecac. c. Scill.
Pil. Plumb. c. Opio
Pil. Quin. Sulph.
Pil. Sapon.
Pil. Scill. Co.
Syr. Ferri Phosph.
Tab. Acetanilid. gr. v.
Tab. Thyroid Gland

Some Important Changes in Names

OLD STYLE	NEW STYLE
Garg. Carbol Co.	Garg. Phenol. Co.
Gutt. Auribus Carbolic.	Gutt. Auribus Phenol.
Haust. Bromid. et Chloral	Haust. Chloral
Linct. Morph. Co.	Linct. Morph.
Lin. Aconit. Co. Meth.	Lin. Aconit. Oleos.
Lot. Acid. Carbol.	Lot. Phenol.
Lot. Plumbi c. Opio Conc.	Lot. Plumbi c. Opio
Mist. Buchu et Hyosc. Alk.	Mist. Buchu et Hyosc.
Mist. Colchic. Co.	Mist. Colchici c. Sod. Sal.
Oc. Hydrarg. Oxid. Flav.	Oc. Hydrarg. Oxid.
Pasta Zinc. Co.	Pasta Zinc. Oxid. c. Acid. Salicyl.
Pasta Zinc. et Gelatin.	Gelat. Zinc.
Pigment. Iod. Co. (Mandl).	Pigment. Mandl.
Pil. Ferr.	Pil. Ferri Carb. (Blaud).
Pil. Pulv. Opii.	Pil. Opii Pulv.
Tab. Pulv. Ipecac. Co.	Tab. Pulv. Ipecac. et Opii.
Tab. Trinitrin.	Tab. Glyc. Trinit.

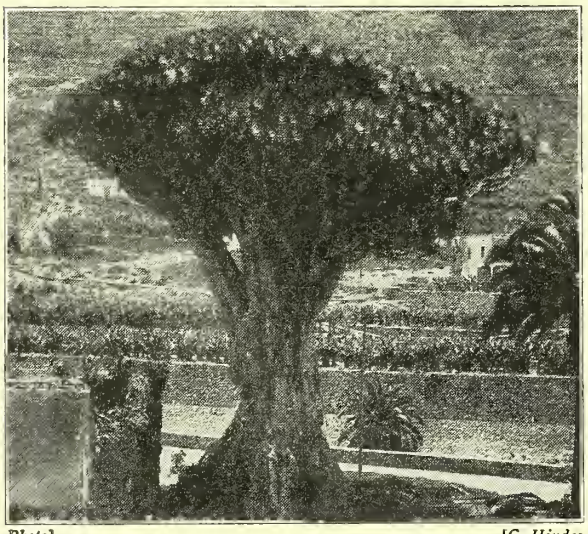
In conclusion, it may not be out of place here to express the hope that the Formulary will not have many additions made to it in future. It increases the chemist's burden unduly to have more formulas to be looked up in a hurry, while it is doubtful if doctors save much time in writing prescriptions if they work with a formulary which contains an excessive number of formulas (particularly for mixtures), since they are unable to remember the ingredients of all the preparations, more especially those with similar names.

The Nalgo Cruise

By Gwendolen Hindes, M.Sc., M.P.S.

THERE must, I think, be a considerable number of pharmacists who belong to the National Association of Local Government Officers, though membership of the Association is not essential for joining this cruise. It is an experience no member should miss, and many enjoy this holiday repeatedly. I believe the route followed is varied slightly each year, though much of the ground covered is always the same.

We set off from Liverpool in the s.s. "Avoceta"—about 116 passengers, not too large a number to manage to have at least a nodding acquaintance with most of them by the end of the three weeks and to have formed firm friendships with a few. After lunch we had a busy time unpacking in the limited space available, learning to don our lifebelts so that they might save us and not choke us, electing a sports committee to take command of the revels, and worrying a harassed dining saloon steward about our places. We had three days at sea before we reached Lisbon, and many of us spent a goodly portion of the three days lying in a deck chair experiencing spasms of horror each time the bugle went for a meal and wondering why on earth we hadn't gone to Blackpool or Southend.



Photo] [*G. Hindes*

THE GREAT DRAGON TREE OF ICOD

Lisbon

The sail up the Tagus to Lisbon was delightful, though there seemed to be a good deal of fuss before we could land and various officials came up the rather perilous-looking rope-ladder hanging over the side of our ship. Finally we got on shore, and spent the first day on one of the organised excursions, returned to the ship at night to sleep, and spent the next day exploring Lisbon a little. Lisbon has some magnificent buildings and fine avenues, but it was terribly hot and dusty. In the outlying villages many of the children looked very ill-nourished and poor as they clustered round our cars begging for "pennees." "Pennee" seemed to be the most common word we heard on our tour. We had a hot and rather dusty drive out to Cintra, where we visited two palaces, and had lunch, and then had a steep drive up to the Pena Palace from which the Royal family fled in 1910 and which is supposed to be in exactly the same state as it was then, even to the magazines which are lying about.

The Pena Palace is about fifteenth century and reminds one very forcibly of Mount St. Michael, in Cornwall. The battlements around it are very steep, as one of our company found to his cost when his hat blew off. We came back from the Pena Palace to Lisbon by way of Mont Estoril, which is somewhat pretentiously called the Portuguese Riviera. Some of our company had a good bathe there and we all had a delightful tea at one of the hotels, but in spite of that Mont Estoril was not quite my idea of a Riviera. Of course, in one day in a strange country and knowing nothing of the native language it is difficult to know what to visit first, but several of the people had done the cruise before, and from one and another we gathered information which helped us to plan our day. First we went to the church of St. Vincent, where the bodies of the kings of Portugal are preserved, and where the curious can mount a little step-ladder and gaze through the glass

top of the coffin on to the corpses. The coffins are not all glass-topped, but that of Catherine of Braganza, who was Queen of England, was loaded with English visiting cards. In the church itself they were erecting a stand for the lying-in-state of King Manuel before he, too, joined his ancestors. We had a very interesting ride in a toast-rack tramcar through some of the back streets of Lisbon, with the washing hanging out of the windows and almost touching the tram. A lot of tiles are used for ornamenting buildings ; they are manufactured just outside Lisbon. But Black Horse Square, the Abenida Liberdada and the Cathedral of Saint Jerominos are three of the outstanding wonders of Lisbon. The carved granite pillars in the Church of Saint Jerominos can hardly have their equal anywhere. Next door to the church is an old monastery, which is now used as an orphanage for boys who are being trained for the different professions. They hardly seem to know the meaning of the word "shy" and take every opportunity of practising their English on visitors.

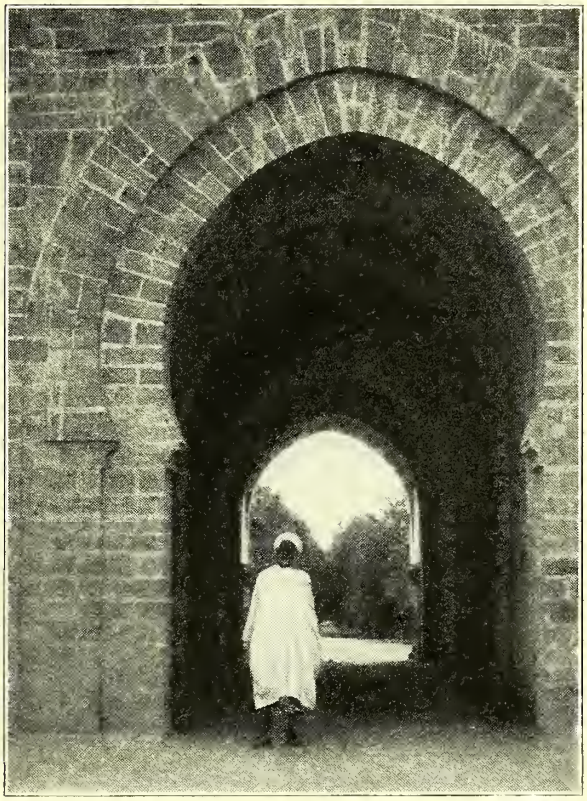
After leaving Lisbon we had another day at sea before reaching the romantic land of Morocco. It sounds foolish to say one has spent a day in Africa, but it made a very delightful change and we had a very good glimpse into two Moorish towns—Casablanca and Rabat. We carried a good deal of cargo, and deposited soap and other things both at Lisbon and Casablanca, but Morocco needs lots more soap yet. Some of the natives were asleep on sacks on the quayside when we got in in the morning, and when they woke they just stood up and shook themselves and were ready to start the day's work. The huts by the road as we drove to Rabat were truly awful, and yet the French quarter of Casablanca had some very fine buildings and lovely palm avenues, though there was a lot of dust. Geraniums were growing in quite large bushes. After going through a big bazaar, where we bought souvenirs, we went through the native quarter—narrow streets, vile smells, filth and squalor, ill-nourished children squatting in doorways spinning, many veiled ladies making full use of the eyes which were all they might show, water-carriers filling their skins, and poor donkeys with fat natives astride them. The native quarter of Rabat is more interesting than that of Casablanca, and the main street was shaded from the sun by a canopy of palm leaves. As we drove along the Rabat road we passed lots of camels and we saw the natives gathering melons.

The Canary Islands

After two more days at sea we reached Madeira, and found it most delightful. The natives in their little boats came round us offering to dive for sixpence or displaying their beautiful embroidery. When we landed many of us went up the mountain behind Funchal, and the views were fine; lovely blue Persian lilies were growing wild. The proper way to come down the mountain is in a toboggan, and the proper way to go round the town is in a bullock cart, but taxis are quite cheap in Madeira. After visiting shops and wine factories and tasting real Madeira wine in Madeira we had some lovely bathing. After Madeira and another day at sea we had four days in the Canary Islands, two at Las Palmas, one at Oratava and one at Santa Cruz. Las Palmas on Grand Canary is quite a large place with some fine buildings and a cathedral from the tower of which we got an excellent view. I caught sight of some lovely Spanish drug jars in a shop on the way to the cathedral, but had not time to go in to see them more closely. We went out to Atalaya to see the cave dwellings of the earliest inhabitants of the island, and the children there have enough English for begging purposes. Pharmacy came home to me as we drove through a lovely avenue of eucalyptus trees or squeezed the cochineal on the prickly pear and saw the aloe trees with their funny flat padded tops. At Oratava we were fortunate enough to get a splendid view of the Peak of Teneriffe first thing in the morning, and many more views as we drove up past the banana plantations and on to the Botanical Gardens, near which we found some very lovely dragon flies. Santa Cruz reminded us in many ways of the English Lake District, and we had a glorious drive to the Mercedes Forest, and when we got back to the town we were shown the two flags captured from Nelson. Las Palmas is a splendid place for bathing, but Santa Cruz has a tendency to sharks! After leaving Las Palmas we were at sea practically a week before we docked in Liverpool, but we were never dull.

The Pharmaceutical Side

It is very difficult in a cruise of this kind, when the shore visits are so short and so full, to obtain any idea of pharmaceutical conditions in the ports. I remember specially well one pharmacy in Lisbon which was in an excellent situation at the beginning of the main avenue. It had a notice outside to say that English was spoken, but I had not time to go in; I noticed that it had the staider and less frivolous air of many of the continental pharmacies, which seem to disdain any connection with powder and perfume. These were, of course, sold in the fancy shops, whose owners all urged us to go in and buy presents to bring home. As I mentioned earlier I saw some lovely old Spanish drug vases in a good pharmacy near the cathedral in Las Palmas. This shop differed greatly from the one in Lisbon, and was more like the kind found in English pleasure resorts which cater for customers with money to spend on luxuries as well as on necessities. In Rabat, in Morocco, one of our party had to go into a chemist's shop for a dressing after being stung by a wasp ; she got this done quite satisfactorily, but some of us were very annoyed at not being able to get any $2\frac{1}{4}$ by $3\frac{1}{4}$ films. After trying two or three shops which seemed to contain everything that a chemist's shop should contain, we had to dash to the waiting charabancs. The shop which remains best in my mind was a very delightful one—large and spacious, with one long counter and showcase. The assistants were very willing, but they could not produce our films. In Madeira we saw a rather poor-looking shed, which seemed to be the waiting room for the out-patients at the hospital, but beyond the two or three people waiting in it we saw nothing of hospitals during our cruise.



Photo] [*G. Hindes*

At the Sultan's Palace, Rabat, Morocco

Zanzibar Cloves

According to the annual report of the agricultural department of the Zanzibar Protectorate the production of cloves for the years mentioned were as follows:—

	Frasilas
1929-1930	10,00,000
1930-1931	3,00,000
1931-1932	9,00,000

The 1931-1932 arrivals in town totalled 9,43,824 frasilas, of which Pemba contributed 7,51,956 frasilas and Zanzibar 1,91,868 frasilas. Exports during the period August, 1931, to July, 1932, totalled 6,96,736 frasilas. The following table gives details of destinations of exports for 1931 and 1932:—

——	1931	1932
	Frasilas	Frasilas
Dutch East Indies	2,90,755	1,29,350
India	1,92,160	1,99,584
United States of America	92,979	78,598
Great Britain	36,416	44,973
Continent of Europe	33,091	36,406
Straits Settlements	9,542	8,451
Africa	7,891	7,239
Japan	7,405	1,674
New Zealand and Australia ...	5,875	2,301
Canada	4,835	2,173
Asia	3,806	4,864
China	2,275	1,325
South America	861	1,635

The 1932-33 crop season was a short one and was practically all harvested by the end of 1932. The total crop was estimated at three lakhs, a small crop after the previous large one. The arrivals in town for the period August 1 to December 31, 1932, which can be taken as coinciding with the crop season, were 1,37,988 frasilas from Pemba and 2,02,040 frasilas from Zanzibar, a total of 3,40,028 frasilas. The Pemba arrivals included a considerable proportion of the 1931-32 crop; it is considered that the 1932-33 Pemba crop amounted to about three-quarters of a lakh (75,000 frasilas) and the Zanzibar crop to about two and a quarter lakhs (2,25,000 frasilas). The Zanzibar "arrivals" figure represents less than the season's crop as part of it has been held over on account of low prices. This is borne out by the fact that the Clove Growers' Association still holds 25,419 frasilas of the 1932-1933 crop. Crops for the years 1918-1919 to 1931-1932 were as follows:—

Season	Zanzibar	Pemba	Total
1918–19 Frasilas	259,273	565,229	824,502
1919–20	93,847	168,703	262,550
1920–21	231,831	316,446	548,277
1921–22	65,819	200,983	266,802
1922–23	291,417	690,498	981,915
1923–24	75,027	236,767	311,794
1924–25	240,952	520,490	761,442
1925–26	219,192	392,622	611,814
1926–27	203,843	529,186	733,029
1927–28	190,370	500,382	690,752
1928–29	74,828	125,740	200,568
1929–30	318,647	610,296	928,943
1930–31	51,796	201,320	253,116
1931–32	175,070	760,786	935,856

Clove Stems

The quantities and destinations of shipments of clove stems during 1931 and 1932 were as follows:—

——	1931	1932
	Cwts.	Cwts.
Great Britain	24,501	15,419
India	719	747
Straits Settlements	1,217	893
South Africa	—	33
Canada	88	25
Dutch East Indies	2,614	1,789
Italy	250	313
China	—	53
Japan	505	187
Germany	20,109	19,747
Egypt	—	4
France	—	32
Ceylon	13	—
Aden	39	—
Holland	983	—
North America	313	—
Italian Somaliland	6	—
Portuguese East Africa	3	—
Tanganyika Territory	—	1
Totals	51,360 Frasilas (1,64,352)	39,243 Frasilas (1,25,578)

Old Dublin Pharmacies

By Fred Miller, L.P.S.I.

The Irish Free State capital has within comparatively recent times been subjected to many changes, and many of the old medical halls of the city have disappeared. Some of them were really very interesting places, and many of them very beautiful.

One of the oldest, about 200 years in existence, was the fine old Dutch or Huguenot house of the late Dr. John Evans, State apothecary, 49 Dawson Street, Dublin. This establishment was interesting partly because it was here the first prescription was compounded for Arthur Wellesley, afterwards Duke of Wellington, when an infant living with his parents at 24 Upper Merrion Street (Mornington House). I have frequently handled and read this prescription, which the doctor preserved in a frame behind his counter. "Evans, Dawson Street" was as well known as "Nelson's Pillar"; but during the past few years it has been "taken in" to form an addition to the Royal Hibernian Hotel.

Among other well-known apothecaries' premises which have disappeared was a fine hall many hundreds of years old, with oval windows, brass-labelled drawers, and solid mahogany fittings. I refer to the shop of Anderson & Adams, Grafton Street. It was the sort of hall one might expect to see in "Cranford," and I would not have been surprised to see Miss Matty coming out to her sedan chair any day I passed the old-fashioned bottle-glass windows in this fashionable street. Some really interesting places are still standing; among these high-class pharmacies may be mentioned that of J. J. Graham & Co., Ltd., Westmoreland Street.

In an old engraving in my possession of Dublin in the seventeenth century is a picture of a well-known medical hall which still exists at the corner of Grafton Street and Suffolk Street, owned by Hamilton, Long & Co., Ltd. This list would be incomplete if I did not include a strange little shop in Mary Street opposite the Apothecaries' Hall, where they sold nothing but leeches. Many a hundred times I have entered this quaint old place, kept by a very stout man and his equally stout wife, who took great interest in their strange business. The shop was stocked with little green tubs full of water containing leeches; and I recall the owner sweeping a fat arm around the tubs and withdrawing it covered with leeches, which he counted into chip boxes and covered them with muslin.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, August 31

THE markets as a whole remain generally dull, due in part to the holiday season and to the exchange uncertainty. Prices in some few instances tend to react after the recent improvement, and the tone is not so healthy. Currencies are the dominant feature, and it is difficult to visualise any substantial and sustained improvement in business until the international financial position becomes a good deal more stable. In the pharmaceutical chemicals markets the only change of importance is an advance in quinine salts, due to sterling weakness. An increase in the import duty on foreign lactose will cause an advance in prices for this product. The imported products, such as amidopyrin, sulphonal, phenazone, etc., are, on exchange rates, dearer to come forward and the spot values are somewhat steadier, but there are probably sellers who would be willing to ignore the dearer replacement cost. The crude drugs markets are having a rather poor time, with many products dull. Ergot to come forward is dearer, due to crop failures. Menthol has experienced a sharp break and there is very little doing. Belgian chamomiles are at present firm for new crop flowers, and current prices are high. Lobelia herb is dearer and short. There has been a little more interest shown in senna, and the market is gradually improving. Tragacanth is firm but dull at the moment. Senega is easier spot and forward. Essential oil business has been patchy and rather limited in volume, with no outstanding alterations in prices except the sharp declines in American natural new crop and Japanese peppermint. Lemongrass has recovered from the recent setback, and petitgrain is somewhat firmer. Spike, French lavender and Brazilian bois de rose are firm forward for new crop. In fixed oils business has been sluggish. Palm oils are steady. Linseed is about unchanged. American turpentine is again easier and dull. Business in the coal-tar group is fair, with toluol and xylol firm features.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	August 31	Value of the £
Amsterdam ...	Fl. to £	12·107	7·93	13/1¼
Berlin	Mks. to £	20·43	13·40	13/1½
Brussels ...	Belgas to £	35	22·83½	13/0½
Copenhagen ...	Kr. to £	18·159	22·40	24/8
Lisbon	Esc. to £	110	110	20/–
Madrid... ...	Ptas. to £	25·22½	38 9/16	30/3½
Milan	Lire to £	92·46	60 9/16	13/1¼
Montreal ...	Dol. to £	4·86⅔	4·76	19/6½
New York ...	Dol. to £	nominal	4·53	13/7¾
Oslo	Kr. to £	18·159	19·90	21/11
Paris	Fr. to £	124·21	81 13/32	13/1¼
Prague... ...	Kr. to £	164·25	108	13/2¼
Stockholm ...	Kr. to £	18·159	19·39	21/4½
Warsaw ...	Zloty to £	43·38	28¾	13/3
Zurich	Fr. to £	25·2215	16·60	13/3¼

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

A STEADY business on limited lines is being done and the general tone is well maintained. Quinine salts are dearer on account of sterling weakness. Other imported products, such as barbitone, amidopyrin and sulphonal, all tend to be steadier on spot, with replacement costs dearer.

ACETANILID.—Market is steady, but business is unimportant: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOL.—Business in small quantities, with the market steady: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Prices tend to harden on exchange rates; replacement would cost more: crystals, five cwt., 18s. 4d.; two cwt., 18s. 10d.; less than two cwt., up to 20s. per lb.; with powder 2¼d. per lb. extra.

AMMONIUM BENZOATE.—Spot values continue to be quoted in the region of 3s. 4d. to 3s. 6d. per lb., as to quantity.

AMMONIUM ICHTHOSULPHONATE. — Market is quoted unchanged: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d. in 1-lb. tins; 1s. 10d. in 8-oz. tins; and 2s. per lb. in 4-oz. tins.

ASPIRIN.—A very fair business is being done, with values well maintained; home trade, ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d.; 28 lb., 2s. 11d.; 14 lb., 3s.; 7 lb., 3s. 2d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d. per lb., f.o.b.; less than one cwt., 2s. 11d. per lb., ex works.

BARBITONE.—Dealers' spot prices tend to harden, with forward values dearer on exchange rates: spot, one cwt., 13s. 1d.; 56 lb., 13s. 3d.; 14 lb., 13s. 6d.; small parcels, up to 14s. 2d. per lb.

BENZOIC ACID (B.P.).—A steady business, with prices maintained: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices for these salts are unchanged.

BROMIDES.—Rather more inquiry, with quoted prices fairly steady: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb., net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE continues steady, with a moderate demand: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Competition has weakened the market; pure alkaloid, 4s. 9d. to 5s. 4½d. per lb.; citrate, 4s. to 4s. 6d. per lb., as to quantity.

CALCIUM LACTATE.—Business is fair on a keen market: spot, one cwt., 1s. 0¾d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Home makers' prices command the market: duty paid crystals, in 14-lb. free containers, five cwt., 3s. 4d.; one cwt., 3s. 5d.; 56 lb., 3s. 6d.; 28 lb., 3s. 7d.; 14 lb., 3s. 8d. per lb.; 28-lb. jars, one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—British makers' quoted price is maintained at 9½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices are about competitive.

COCAINE.—Makers' prices for home trade are as follows: hydrochloride, 25 oz., 20s. 11d.; 16 oz., 21s. 7d.; and less 22s. 3d. per oz.; pure, 25 oz., 22s. 1d.; 16 oz., 23s. 8d.; less than 16 oz., 24s. 4d. per oz.; 1-oz. tins, 2½d. per oz. extra. Export prices vary as to destination.

CREAM OF TARTAR.—Makers' quotation for home trade for 99 to 100 per cent. is unchanged at 80s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers are offering at level prices.

CREOSOTE (B.P.).—Bulk quantities in 25-kilo. demijohns are now offering at about 1s. 10d. per lb.; smaller parcels, up to 2s. 3d. per lb.

CREOSOTE CARBONATE.—Dealers' prices for spot material are from 8s. 6d. per lb. upwards, as to quantity. Market is dull.

GUAIACOL CARBONATE.—Rather firmer on current exchange rates and dearer forward. Spot, one cwt., 9s. 1d.; 56 lb., 9s. 2d.; 28 lb., 9s. 4d.; smaller quantities, up to 9s. 6d. per lb.

HEXAMINE.—British material continues to lead the market: ten cwt., 1s. 9d.; five cwt., 1s. 9½d.; two cwt., 1s. 10d.; one cwt., 1s. 10½d.; 56 lb., 1s. 11d.; 28 lb., 1s. 11½d.; 14 lb., 2s.; 7 lb., 2s. 0½d. per lb. British rough powder is quoted from 1s. 5d. to 1s. 6½d. per lb., as to quantity. Foreign material to come forward is not competitive.

HYDROQUINONE.—Rather more demand for limited-size spot parcels: ten cwt., 5s. 7½d.; five cwt., 5s. 8½d.; two cwt., 5s. 9d.; one cwt., 5s. 9½d.; 56 lb., 5s. 10½d.; 28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 6d. per lb., carriage paid.

IODIDES.—Makers' scales of prices for these salts continue at former rates.

LACTIC ACID (B.P.).—A fair business is reported, with the market competitive: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 7d. to 1s. 10d. per lb., as to quantity.

METHYL SALICYLATE (B.P.).—Market is quoted unchanged, but is dull and rather unsteady: one ton and over, 1s. 4½d.; ten

cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Spot values tend to advance, with forward dearer on current exchange rates: two cwt., 20s.; one cwt., 20s. 4½d.; 56 lb., 21s.; small parcels, up to 21s. 9d. per lb.

METOL.—A small steady business; prices unchanged: 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d. per lb., in 7-lb. tins, bottles extra. Wholesale distributors' prices for small quantities would be dearer.

PARAFORMALDEHYDE.—Dealers are offering at keen prices: 100 per cent. powder, quantities in kegs, 1s. 3d.; smaller parcels, up to 1s. 8d. per lb.

PHENACETIN.—There are still some cheaper offers about, but the market tends to be steadier: crystals, ten cwt., 4s. 1½d.; five cwt., 4s. 3d.; two cwt., 4s. 4½d.; 56 lb., 4s. 6d.; less than 56 lb., 4s. 9d. per lb., carriage paid on minimum cwt. lots. No falling clause on contracts over twelve months.

PHENAZONE.—The market tends to become steadier, but there are some cheap offers on spot; forward is dearer: crystals, ten cwt., 9s. 10d.; five cwt., 10s. 2d.; two cwt., 10s. 4½d.; and less, up to 11s. per lb.; with powder, 2¼d. per lb. extra.

PHENOLPHTHALEIN.—There is no change in makers' prices: two cwt., 4s. 7d.; one cwt., 4s. 8d.; 28 lb., 4s. 11d.; 14 lb., 5s. 2d.; 7 lb., 5s. 5d.; smaller parcels, up to 5s. 8d. per lb.

PHENYL ETHYL BARBITURIC.—Spot prices continue irregular and well under the former rates in most instances.

POTASSIUM PERMANGANATE (B.P.).—A steady demand for limited quantities: bulk lots, in two-cwt. drums, 8½d. to 8¾d.; druggists' parcels, 9d. to 10d. per lb., as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—Spot is quoted at about 5s. 10d. to 6s. per lb., as to quantity. Market is dull.

PYROGALLIC ACID.—Market is steady at the following rates: 56 lb., 7s.; 28 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb., in 7-lb. tins.

QUININE SALTS.—Convention prices have advanced with the weakness in sterling: sulphate, 1s. 11d.; bisulphate, 1s. 11d.; ethyl carbonate, 2s. 6d.; salicylate, 2s. 6¾d.; phosphate, 2s. 11¼d.; hydrochloride, 2s. 4¾d.; bihydrochloride, 2s. 8d.; hydrobromide, 2s. 4¾d.; bihydrobromide, 2s. 8d.; valerianate, 2s. 11½d.; hypophosphite, 3s. 2½d.; alkaloid, 2s. 8¼d. per oz., carriage paid on bulk quantities.

RESORCIN.—British material is quoted at the following prices: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb. Foreign, if available, 5s. 8d. to 6s. per lb.

SALICYLIC ACID (B.P.).—Makers' prices are unchanged on quotation, business dull: one ton, 1s. 7d.; ten cwt., 1s. 7½d.; five cwt., 1s. 8d.; one cwt., 1s. 8½d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s. per lb.

SALOL.—Market is dull and easy as quoted: spot, crystals, two cwt., 5s. 9d.; one cwt., 5s. 11d.; 56 lb., 6s.; smaller parcels, 6s. 3d. per lb.; powder, 2d. per lb. extra.

SODIUM BENZOATE (B.P.).—A fair business is being done at keen prices: one-cwt. lots of B.P. 1932 quality, 1s. 7d.; smaller parcels, up to 1s. 10d. per lb.

SODIUM DIETHYLBARBITURATE.—Market is steady as quoted; business moderate: spot, one cwt., 13s. 9d.; 56 lb., 14s.; 28 lb., 14s. 3d.; 14 lb., 14s. 6d.; 7 lb., 14s. 9d.; smaller parcels, up to 15s. per lb.

SODIUM SALICYLATE (B.P.).—Market is quoted unchanged, but remains dull: home trade, powder, two tons, 2s.; one ton, 2s. 0½d.; ten cwt., 2s. 1d.; five cwt., 2s. 2d.; one cwt., 2s. 3d.; 28 lb., 2s. 4d.; 14 lb., 2s. 6d; 7 lb., 2s. 7d.; 1 lb., 2s. 8d. per lb.; with crystals one penny per lb. extra.

SULPHONAL.—Dealers' spot prices tend to harden, with forward dearer on current exchange rates: crystals, two cwt., 16s.; one cwt., 16s. 8d.; 56 lb., 17s.; smaller parcels, up to 18s. 3d. per lb.; with powder, 2d. per lb. extra.

TARTARIC ACID (B.P. CRYSTALS).—Makers' quoted price for home trade is unchanged at 11¾d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting at about level prices.

THEOBROMINE.—Some offers on spot may be slightly cheaper for quantities: pure alkaloid, 5s. to 5s. 6d. per lb.; sodium salicylate, 5s. to 5s. 6d. per lb., as to quantity.

THYMOL.—Business is unimportant and the market is unsteady: synthetic, fine white, one cwt., 5s. 1½d.; 56 lb., 5s. 3d.; 28 lb., 5s. 4½d.; 14 lb., 5s. 6d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN.—A steady inquiry is being received and cheap offers are less in evidence: 100 per cent., one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.

Crude Drugs, etc.

ACONITE ROOT.—Dealers are offering recent arrivals at about 65s. per cwt.

AGAR AGAR.—Market has been practically lifeless, with quotations unchanged: spot, Kobe No. 1, 2s.; No. 2, 1s. 10½d.; Yokohama No. 1, 1s. 10½d. per lb.; shipment, Kobe No. 1, 1s. 8½d.; No. 2, 1s. 7d.; Yokohama No. 1, 1s. 7d. per lb., c.i.f.

ANTIMONY.—Quoted prices are holding steady. Chinese, crude, shipment, £18 10s., c.i.f.; Chinese oxide, spot, £28; shipment, £25 10s., c.i.f.

BALSAMS.—Business has been negligible this week. *Tolu*, about 2s. 11d.; Canada, unchanged at 2s. 9d.; Capivi is still in short supply and firm on spot at 1s. 9d. to 1s. 10d. per lb.

BELLADONNA.—Dealers are offering spot stocks of leaves in the region of 65s. per cwt.

BUCHU.—Business amounting to a few bales is recorded, with former prices fully maintained. Good green rounds, up to 1s.; yellowish to fair, 9d. to 11d.; ovals, 7d. to 7¾d. per lb., as to quality.

CAMPHOR.—The market is unchanged and very dull: spot, slabs, 2s. 2d.; flowers, 2s. 3d.; tablets, 2s. 7d. per lb.; shipment, slabs, 1s. 9½d.; flowers, 1s. 10d.; tablets, 2s. 1½d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ⅓ oz., and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CARDAMOMS.—Shipment offers of new crops are as follows: greens, Aleppy, f.a.q., 1s. 8½d., c.i.f.; Ceylon, f.a.q., 1s. 6d. per lb., c.i.f.

CASCARA SAGRADA.—Business is of small account. Shipment, new peel, 34s. per cwt., c.i.f., and spot, about 41s. Doubtful if there is any 1932 peel available on spot. 1931 peel, 65s. per cwt.

CELERY SEEDS.—Dealers are now quoting new crop seeds for September delivery at 1s. 8d. per lb., ex wharf.

CHAMOMILES.—The shipment position seems to be particularly firm and very few offers are coming through. Some new crop flowers are available on spot and selling at 210s. to 220s. per cwt., and rather dearer forward.

CLOVES.—The market is steadier, with forward prices rather better. Zanzibar, spot, 5½d.; shipment, August-October, 5d.; October-December, 5d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended August 19 were 35 and the deliveries 15, leaving a stock of 1,813. From January 1 to date, landings of Zanzibar have been 3,200 and the deliveries 2,857. Landings of Madagascar for the week ended August 19 were *nil*, and the deliveries *nil*, leaving a stock of 1,046. Landings of Madagascar this year to date have been *nil* and the deliveries 110.

COCOA BUTTER.—Prime English is quoted from 9½d. to 10¼d. per lb., as to quantity.

COCONUT (DESICCATED).—Market is keeping up and business has been a little better. Spot, fine, 19s.; medium, 18s. 6d.; shipment, halves, August-September, 16s. 9d. per cwt., c.i.f.

COD-LIVER OIL.—The shipment market for Norwegian is fully steady although rather quiet at about 102s. per barrel, c.i.f. Spot, finest Lofoten steam refined non-freezing medicinal oil, 132s. 6d. per barrel, ex store, duty paid. Newfoundland finest medicinal non-freezing medicinal oil is offering at about 132s. 6d. per barrel, ex store.

ERGOT.—Due to the reported partial failure of the new crop Spanish is dearer for shipment at 1s. 8d. per lb., c.i.f. Portuguese is also dearer for new crop at 1s. 8d., c.i.f., while there are at the moment spot sellers of old stuff at about 1s. 7d., landed and duty paid.

GELATIN.—Importers' prices, including the additional duties recently imposed, are as follows: German, gold leaf, 2s. 4d.; silver leaf, 2s. 2d.; bronze leaf, 1s. 11d.; plain label, 1s. 10d. per lb. French, gold leaf, 1s. 10d.; silver leaf, 1s. 8d.; bronze leaf, 1s. 6½d. per lb., packed in cwt. cases.

GINGER.—West African on spot is fully steady as quoted at 22s. 6d. per cwt. Jamaican is firm at from 75s. to 112s. per cwt., as to quality.

GUM ACACIA.—Business of size is lacking in this market, quoted unchanged: spot, Kordofan cleaned sorts, 35s.; bleached, 70s. per cwt.; shipment, Kordofan cleaned sorts, 31s.; natural, 30s. per cwt., c.i.f.

HYDRASTIS.—Business is quiet, market about steady. Spot, 5s. 6d.; shipment, 4s. 9d. per lb., c.i.f.

IPECACUANHA.—This market is dull. Matto Grosso, spot, 4s. 7½d. to 4s. 9d.; Minas, 4s. 2d. to 4s. 3d. per lb.

LAVENDER FLOWERS.—Dealers are now offering on spot new crop fair blue quality flowers at 120s. per cwt.

LIQUORICE ROOT.—Some spot supplies of Syrian natural are offering at 15s. 6d. per cwt.

LOBELIA HERB.—It is reported that supplies are very short, with the crop said to be a partial failure. On spot up to 1s. 6d. per lb. is wanted in some quarters.

MENTHOL.—A sharp break in the market is recorded, and business has been very quiet. K/S brands, 13s. 3d. per lb., and less for bulk quantities; shipment, September-October, 9s. 9d.; October-December, 9s. 6d. per lb., c.i.f. On Thursday morning conditions were steadier but the market was still dull.

MERCURY.—This market continues fully steady, although business is limited. Spanish-Italian, first-hands, spot, £9 2s. 6d. to £9 10s. per bottle, ex store; shipment is approximately £9 per bottle, f.o.b. Continental port.

OPIUM.—The market has remained quiet. Spot, from 1s. to 1s. 1d. per unit, landed and duty paid, as to quantity.

PEPPER.—Quoted prices are about level on the week and the market is quite steady but rather slow. Lampong, spot, 4⅜d.; shipment, August-October, 3¾d.; October-December, 3⅞d., c.i.f. Tellicherry, spot, 5¼d.; shipment, September-November, 47s. 6d.; Aleppy, spot, 5d.; shipment, September-November, 45s., c.i.f. White Muntok, spot, 6¾d.; shipment, August-October, 5¾d.; October-December, 6 1/16d. per lb., c.i.f.

PIMENTO.—Market is steady but rather quieter. Spot, 3¼d. per lb.; shipment, September, 28s. 6d. per cwt., c.i.f.

RUBBER.—Values are fractionally better on the week and business has been improving; at the close the market was much quieter again and rather easier. Standard ribbed smoked sheet, spot, 3¾d.; September, 3¾d.; October-December, 3 15/16d.; January-March, 1934, 3 29/32d.; April-June, 4d.; July-September, 4 3/32d. per lb.

SAFFRON.—A moderate business, market steady: spot, prime B.P., 57s. 9d.; extra B.P., 54s.; super B.P., 51s. per lb., and slightly less for bulk quantities.

SARSAPARILLA.—Some small business, market steady: spot, native mixed colours, 1s. 1d. to 1s. 2d.; grey Jamaican, 1s. 9d. to 1s. 10d. per lb., as to quantity.

SEEDS.—ANISE.—Spot, Spanish, 51s. 6d.; Bulgarian, 40s., duty paid. CANARY.—Unchanged. Mazagan, spot, 14s. 9d.; Tangier, 12s. LINSEED.—Mazagan, 17s. 6d.; Morocco, 16s. CORIANDER.—Morocco, 1929 crop, 15s. 6d.; wormy, 13s. to 14s. 6d.; 1932 crop, in bond, 14s. 6d.; 1932 crop, 16s. 9d. CUMIN.—Morocco, spot, offering at 54s., duty paid. FENUGREEK.—Morocco sold at 13s. 6d., spot, duty paid. CARAWAY.—Dutch, 47s., duty paid, business done. MUSTARD.—English, firm on the spot, offering 28s. to 37s. 6d., according to quality.

SENEGA.—A further decline in values is recorded, and the market is dull. Spot, from 1s. 11d.; shipment, 1s. 9d. per lb., c.i.f.

SENNA.—There has been a fair inquiry for Tinnevelly pods. Some shipments of good quality leaves are afloat and expected in the course of a week or so. In Alexandrian there are attractive offers of the manufacturing quality pods, and the medium grades are also available at comparatively cheap prices. Finest hand-picked pods are practically unobtainable. Manufacturing pods, 3¾d. to 4¼d.; medium, 1s. 6d. and upwards, per lb., spot. There is a general improvement in the position and interest is increasing.

SHELLAC.—The market has been dull so far this week. Spot, standard TN orange, 64s.; fine orange, 70s. to 125s.; pure button, 72s. 6d. per cwt. For delivery, TN, October, 57s. 6d.; December, 58s. 6d.; March 58s. 6d. For arrival, TN, September, 52s. per cwt., c.i.f.

STRAMONIUM LEAVES.—Dealers are offering good green Hungarian leaves at about 47s. 6d. per cwt.

TRAGACANTH.—This market has been experiencing the usual quiet period at this time of the year, but business is expected to take up again next month. Meanwhile arrivals have been particularly small, leaving spot stocks well below normal. The market is fully held as regards values.

WAX (VARIOUS).—These markets are all unusually quiet, but are keeping fairly steady. Carnauba fatty grey and chalky grey, 70s. in bond and 66s. c.i.f. Primeira, 144s. in bond and 128s. c.i.f. Mediana, 142s. in bond and 127s. c.i.f. BEES', Benguela, 97s. 6d.; Abyssinian, 97s. 6d.; Calcutta, 117s. 6d. per cwt., ex store, duty paid.

Essential Oils, etc.

IN many oils the spot position is opposing the generally firmer shipment conditions. Bergamot is an instance. Predictions of new crop prices for lavender and spike indicate higher figures. Lemongrass has recovered after a temporary decline. Sicilian lemon and orange are cheap on spot compared with shipment quotations for good brands. American peppermint oil, new crop, has experienced a surprising decline, but this may only be temporary, and the Japanese oil is also at lower values. Petitgrain tends to be dearer.

ALMOND.—Business is fair in small parcels. English, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. per lb. Foreign, cwt. lots, 2s. 4d.; smaller quantities, up to 2s. 7d. per lb.

ANISE (STAR).—Market is keeping about steady spot and forward, but there seems to be very little business moving: spot, "Red Ship," in leads, 1s. 11d.; in tins, 1s. 9d.; in drums, 1s. 7¾d.; shipment, in leads, 1s. 9½d.; in tins, 1s. 7½d.; in drums, 1s. 7¼d. per lb., c.i.f.

APRICOT KERNEL.—Makers' prices are steady: cwt. lots, 1s. 4d. and up to 1s. 6d. per lb. for small parcels.

BERGAMOT.—The shipment market is keeping up to about 6s. 9d. and upwards for last season's oil, c.i.f., while there are cheaper offers. The spot prices are comparatively cheap and range from 6s. up to 7s. 3d. per lb., according to quality and quantity. There appear to be fair quantities available here, brought in when the market was much cheaper.

BOIS DE ROSE.—The tendency here is for firmer conditions, although there is so far no movement in values. The strength is in the forward market. Brazilian, spot, 4s. in drums and 4s. 3d. per lb. in tins.

CAJUPUT.—Some offers of B.P. 1932 quality on spot are slightly cheaper in the region of 2s. 2d. to 2s. 4d. per lb.; green, 1s. 10½d. to 2s. per lb., as to quantity.

CANANGA.—Business is reported to be of small account. Spot, about 7s. 6d. per lb., and forward about 6s. 3d. per lb., c.i.f.

CARAWAY.—Market is rather dull, but prices for Continental are holding at about 10s. 6d. per lb., spot; shipment, about 9s. per lb., c.i.f.

CASSIA.—A little inquiry this week, market steady. Spot, 3s. 7d. to 3s. 8d. per lb.; shipment, 3s. in drums and 3s. 1½d. per lb. in leads, c.i.f.

CEDARWOOD.—A very fair business is reported. Colonial, spot, in drums, 1s. 6d.; in tins, 1s. 8d. per lb. American, in drums, from 1s. 8d. per lb. for fair quantities.

CINNAMON LEAF.—The market has been dull. Spot offers are from 2s. 9d. to 3s. per lb., as to quantity.

CITRONELLA.—There is nothing much doing here, but shipments of Java to America are reported to have been considerable of late. Ceylon, spot, 1s. 11d. for small parcels; shipment, 1s. 7½d. per lb., c.i.f. Java, spot, about 2s. 5d.; shipment, about 1s. 11d. per lb., c.i.f., and less for large bulk quantities.

CLOVE.—Madagascar oil is barely maintained at former rates and is now about 3s. 7d. to 3s. 8d., spot, and shipment about 3s. per lb., c.i.f.

EUCALYPTUS.—A fair amount of business is reported, done at keen prices where bulk quantities are concerned. Australian, 70 to 75 per cent., 11d. to 1s.; 80 to 85 per cent., 1s. to 1s. 1d. per lb., and less for bulk lots. Spanish, about 1s. 2d. per lb.

GERANIUM.—Spot values of Bourbon vary as to quality, while shipment offers are working out at about 21s. 6d. per lb., c.i.f. Algerian for shipment is reported to be steady at about 23s. 6d. per lb., c.i.f.

GINGERGRASS.—The market is quoted rather easier, with spot offers at about 5s. 9d. to 6s. per lb., as to quantity.

HO (SHUI).—This oil is attracting attention and good quality is being quoted at about 2s. per lb. in large drums.

JUNIPER BERRY.—Some occasional business is being done, with dealers quoting spot from 3s. 2d. for bulk lots up to 3s. 6d. per lb. for small parcels.

LAVENDER.—Interest in this market concerns the new crop values and so far there are no definite figures to work on. From a reliable source we are advised that the crop will be an exceptionally poor one and is estimated to be about one-third of the smallest yield of the past ten years. In view of this it is indicated that the genuine best grades of 38 to 40 per cent., in bulk quantities, are likely to be quoted in the region of 11s. 6d. per lb.

LEMON.—There is some patchy and rather small spot business being done. Forward prices for Sicilian hand-pressed vary from 3s. 8d. to 4s. 2d. per lb., c.i.f. Spot offers cover a wider range from about 3s. 6d. to 4s. 3d. per lb., as to quality and quantity. Spot seems to be freely supplied and under the forward prices. Californian is unchanged and business is fair: spot, in large drums, 48 cents, and in small drums 49 cents per lb.

LEMONGRASS.—After easing sharply the market is now steadier again and quoted at about 3s. 6d. per lb., c.i.f.; spot may be available at about 3s. 10d. per lb. for a fair quantity and some holders may take less.

MANDARIN.—Dealers are selling an occasional small lot at 14s. to 15s. per lb., as to quality.

ORANGE.—There are spot offers of Sicilian sweet which are well under the shipment prices. Business is by no means brisk, with consumers seemingly well stocked. Spot, 5s. to 5s. 6d. per lb.; shipment, 5s. to 5s. 3d. per lb., c.i.f., as to brand and quantity. French Colonial oil is available on spot at about 3s. 6d. in small parcels, while the shipment figure at present stands at 3s., c.i.f. Consumers are awaiting quotations for the next early winter season's oil, but these are not likely to be available for some weeks. Californian meets with a little business. Spot, one case, 61 cents; two or more cases, 56 cents per lb.

PALMAROSA.—Market has been slack and is barely maintained. Spot, 7s. 6d.; shipment, 6s. 8d. per lb., c.i.f.

PATCHOULI.—Some spot offers for fair quantities are under the figure of 7s. per lb. for small parcels. Market is dull.

PEPPERMINT.—The market dealing in the Japanese product has experienced a sharp decline, but the position seems steadier at the lower rates now quoted and some recovery would not be surprising Spot, about 5s.; shipment, August-September, 4s.; October-December, 3s. 7½d. to 3s. 9d.; January-March, 3s. 9d. per lb., c.i.f. Business is of small importance. On Thursday the market was steadier but still dull. The shipment figure for new crop American natural oil has broken rather badly and is now down to 2 dollars 55 to 60 cents per lb., in drums, c.i.f. Business has been moving at these attractive rates and some recovery is anticipated.

PETITGRAIN.—Reports indicate further firmness in this market on current exchange rates. Spot, 3s. 9d. to 3s. 11d.; shipment, 3s. 2d. per lb., c.i.f.

ROSEMARY.—Bulk quantities of good quality oil would be cheaper than the small parcel figure of 1s. 8d. per lb., spot.

SANDALWOOD.—English made West Indian oil is quoted by the makers at 6s. 9d. for cwt. lots; 6s. 10½d. for 56 lb. and 7s. for 14-lb. lots. Genuine East Indian from first hands is steady at 20s. per lb.

SASSAFRAS.—A small inquiry is being received with prices varying, as to grade, from 3s. 6d. to 4s. 9d. per lb. Artificial at cheaper prices.

SPEARMINT.—The market is dull and none too steady. Spot, about 8s. 3d. to 8s. 4d. per lb.

SPIKE.—The new crop Spanish has been much less than was at first anticipated. Originally estimated to reach 80,000 kilos, the total is now expected to be only 65,000 kilos. This partial failure is due to the extremely hot weather, which has withered the flowers. Labour troubles are also reported with the producers having to pay higher wages. New crop is at the moment quoted at 3s. 3d. per lb., c.i.f., for bulk lots, with the market firm and tending to advance. Spot oil is available at comparatively cheap figures, brought in when values were on a lower level, of about 3s. 8d. per lb.

WORMSEED.—Dealers are offering spot goods at about 10s. 9d. per lb., with shipment holding at 9s. 6d. per lb., c.i.f.

Fixed Oils, etc.

THE general tone in these markets is about steady, but business is mostly quiet. Linseed oil has been dull and American turpentine is still weakening. Palm oils are steady and in fair demand. ACID OILS.—Market is barely steady and business is of small account: coconut and/or palm kernel, 20s. 3d.; groundnut, 19s. 6d.; soya, 15s. 3d., spot. CASTOR.—Market is rather easier with a fair amount of business passing: pharmaceutical, 40s.; first pressings, 35s.; second pressings, 32s. (barrels); cases, £4 per ton extra, ex mills, Hull, in not less than one-ton lots; Bombay, 26s. 6d. (drums), c.i.f. COCONUT.—A small business with quotations about maintained: deodorised, 29s. (barrels), spot; Ceylon, mill, 17s. 6d. (drums), c.i.f. COTTON.—Prices are keeping up to the recent slight advance and business is fair: deodorised, 28s. 6d.; common edible, 26s. 6d.; soap-making, 24s. 6d.; crude, 23s. (barrels), spot. GROUNDNUT.—Business is slow with quoted prices barely maintained: deodorised, 31s. 3d. (barrels), spot; crude Oriental, 27s. 3d. (drums), c.i.f. LINSEED (RAW, NAKED).—The market has remained quiet but is keeping fairly steady: on spot, 21s. 3d.; September, 19s. 9d.; September-December, 20s. 1½d.; January-April, 20s. 10½d. Boiled oil, spot, 24s. OLIVE.—Prices are generally unchanged with business rather quiet: edible, in tins in cases, 70s. per case of ten gallons; B.P., 4s. 6d. per gallon, in 40-gallon barrels. PALM.—Some fair business is reported and the market is about steady as quoted: Lagos, 16s. 6d., spot; softs, 16s., spot; mediums. 16s. 3d., c.i.f.; hards, 16s. 9d., c.i.f.; bleached, 19s. 6d., spot. PALM KERNEL.—Quoted slightly cheaper on a dull market: deodorised, 27s. 6d.; crude, 19s. 6d., spot. RAPE.—Prices are rather better but the market is slow: refined, 33s.; crude, 30s. 6d., spot. RESIN.—Market has been dull and is slightly easier: B, 13s.; D, 13s. 3d.; F/G, 13s. 9d.; N, 15s.; W/G, 15s. 3d.; W/W, 15s. 9d. per cwt., ex wharf. SOYA.—The market is quoted slightly cheaper with business slow: deodorised, 28s. 6d.; crude, 24s., spot. TURPENTINE, AMERICAN.—Quoted values continue to decline and the market is dull: total London stocks, 17,552 barrels. On spot, 48s. 6d. WOOD.—Hankow, in barrels on the spot, is quoted easier at about 50s.

Coal Tar Products, etc.

DUE to shortage of supplies some products are again dearer, xylol, toluol and solvent naphtha being affected. Carbolic acid crystals are steady. Pitch is receiving more inquiry for autumn shipment. BENZOL is in steady demand, with prices holding up: standard motor 90's, 1s. 4½d. to 1s. 5½d. per gallon, in tank wagons, ex works; pure, 2s. 2d. per gallon, for small quantities. CARBOLIC ACID CRYSTALS (39° TO 40° C.).—A steady demand for moderate quantities, which are mentioned from 9¾d. to 10d. and 11d. per lb., as to quantity, in drums with over-casks, carriage paid. Crude carbolic, 60's, 2s. 10d. to 3s. per gallon. CREOSOTE OIL.—The market for special grades is very steady and supplies are short. Quoted from 3¾d. to 4½d. per gallon, f.o.r. makers' works, South England. CRESYLIC ACID.—There is not much business of any size moving, but prices are steadily maintained: pale, 99 to 100 per cent., 1s. 3d. to 1s. 4d.; dark, 95 per cent., 10d. to 11d.; special qualities, 2s. 1d. to 2s. 4d. per gallon, ex works; American duty-free acid, 1s. 2d. to 1s. 5d. per gallon, f.o.b. KEROSENE.—The market is steady, but rather quiet: water white, 10d.; standard white, 9d. per gallon, in barrels, ex wharf, London; in bulk, 2d. per gallon less. MOTOR SPIRIT.—Distributors' delivered bulk prices are as follows: No. 1, 1s. 4d. per gallon, delivered in bulk for England, Wales and South Scotland; 1s. 4½d. for Belfast; and 1s. 5d. for remainder of Northern Ireland and North Scotland; 1s. 5d. for Irish Free State; with Dublin 1s. 4d. per gallon. No. 3 spirit, 2d. per gallon less, and aviation spirit 4d. per gallon more in all cases. 1d. to 2d. per gallon more in two-gallon tins, as to district. PITCH.—Rather more inquiry is being received for the autumn season shipments: quoted from 75s. to 77s. 6d. per ton, f.o.b. East Coast. SOLVENT NAPHTHAS.—Supplies of the 90 to 160 are very limited and prices are firm. Supplies of the heavy 90 to 190 are plentiful: 90 to 160, 1s. 5d. to 1s. 6d.; heavy 90 to 190, 11d. to 1s. per gallon, naked at works. TOLUOL.—The pure grade is reported to be scarce and firm; commercial grade is quoted nominally: commercial 90's, 2s. 4d.; pure, 2s. 8d. per gallon, ex works, London. XYLOL.—The market is quoted dearer and is firm: commercial, 2s. 2d. to 2s. 3d.; pure, 2s. 4½d. to 2s. 6d. per gallon, as to quantity.

Java Exports of Citronella Oil

EXPORTS during July were 120 tons. The following table gives particulars of shipment each month for the years 1926 to 1933:—

	1926	1927	1928	1929	1930	1931	1932	1933
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
January	104	107	104	68	57	74	63	107
February	100	135	98	72	62	73	83	114
March	118	100	81	107	63	69	72	103
April	105	90	114	82	79	92	91	110
May	73	90	184	121	63	78	70	111
June	95	132	109	43	48	73	76	88
July...	110	94	78	80	68	87	84	120
Total January-July	705	748	768	573	440	546	539	753
August	81	88	77	77	86	50	79	—
September	95	141	58	66	70	94	83	—
October	108	96	91	55	68	77	86	—
November	93	122	77	41	70	60	92	—
December	100	117	69	55	81	78	112	—
Total Jan.-Dec. ...	1,182	1,312	1,140	867	815	905	991	—

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Restrictions on the Use of Alcohol

SIR,—Your last two issues are full of the one topic which has dominated all others during recent years, namely, the retrogressive nature of pharmacy and its degradation to mere shopkeeping. I am unqualified, have a drug store of my own, and will qualify pretty soon, though goodness knows why. In three years I may have lost £15 by inability to retail poisons. I know my particular business may be exceptional, but this merely proves that poison laws and regulations have little to do with the present deplorable state of the profession. I am only young, but by reading and conversation have come to the conclusion that the fall of Galen from his pedestal in the pharmacy coincided with the Customs and Excise incursion into chemists' privileges. I am sure that the majority of pharmacists would be only too glad to make their tinctures, infusions, and even extracts. Glyc. thymol co. can be bought wholesale at nearly the bare cost of the s.v.r., for few chemists claim rebate; and I consider that this spirit duty and restrictions on stills have done more damage to practical pharmacy than all the proprietaries on the market.—Yours truly,

S. V. R. (28/8).

Powders in Teaspoons

SIR,—"Exactitude" refers to the use of teaspoons as measures of powders (*C. & D.*, August 19, p. 283), and says a teaspoon that will hold 90 ♏ of liquid will only take about 30 gr. of an ordinary powder. In the National Insurance Formulary the directions for taking pulv. bismuthi co. are given as "Half a teaspoonful in a little water," and the first difficulty arises when we try to measure half a teaspoonful. Another difficulty occurs when measuring a level spoonful; if one smoothes the powder over with a knife one is liable to press the powder down and add to the weight. A trial measurement gave the weight of a level teaspoonful of pulv. bismuthi co. as 74 gr., so that half would not be far over the ʒss. But when we have magnesium carbonate ordered on an insurance script we are expected to use the light variety, and a level teaspoonful of this was found to weigh only 12 gr. Sodii bicarb. is comparatively weighty, and the level teaspoonful weighed 106 gr., while another insurance formula often prescribed, pulv. alk. co., gives 100 gr. As the directions for this are "One level teaspoonful to be dissolved in ½ pint of warm water," if this is intended to be the equivalent of ʒi. it is very wide of the mark. Pulv. alum. is also ordered; a teaspoonful of this weighed 85 gr., so that in most cases the presumed quantity would be exceeded. But as the domestic teaspoon itself is a variable quantity, it is quite possible that anybody else who experiments on these lines will obtain totally different results.—Faithfully yours,

TEELOFFEL (29/8).

Weighing Machines

SIR,—It is true that in these days numbers of people take a surprising interest in their weight, as stated in the article on "Weighing Machine Wisdom" (*C. & D.*, August 12, p. 232), and it may also be noted that many of them prefer to be weighed on the direct type of machine instead of an automatic one if they are really serious about keeping a record. I have often considered how far the weights which one writes down on the weight cards daily may be taken as reliable. I do not mean to say that the machines are not correct, because they are as a rule very accurate; but I mean the considerable variation which occurs in the weight of any person even in normal health may make a record doubtful. A change of suit by a man, or a woollen dress instead of a muslin one on a lady, will make a marked difference. It seems to me that the only real value of regular weighing is when a customer is constantly losing weight weekly or constantly gaining, thus proving that there is some abnormal state of health requiring treatment, or affording a guide to the doctor giving such treatment.—Faithfully yours,

GRAVITY (22/8).

Excessive Prescribing

SIR,—"Panelite," in his letter on "Excessive Prescribing" (*C. & D.*, August 12, p. 237), takes as his example a supply of medicine sufficient to last the patient four days. If this is the usual method of prescribing in "Panelite's" district, it means that the patient would require two bottles in eight days or more likely weekly, so that there would be an apparent undue frequency of prescribing. In the area in which I am working it has become the usual practice to prescribe ʒxij. tablespoons, so that the patient receives enough medicine to last eight days in one bottle, presuming, of course, that a dose is taken regularly three times a day; it follows that there is only one dispensing fee for the chemist instead of two, and the patient only attends the surgery once a week. It may be that in some cases this has involved a waste of the last three doses, for lately prescriptions have been received for ʒx. mixtures. Although this may be considered a check on undue frequency of prescribing, it is not necessarily a prevention of waste, because some of the Formulary mixtures deposit considerably or grow mould when kept standing for a week with continual opening of the bottle, and customers have brought back their medicine under the impression that there was something wrong.—Yours truly,

FREQUENTLY (21/8).

Dispensing Notes and Difficulties

Colouring Matter Deposited

SIR,—We would like to have your opinion on the following prescription:—

Sodii bicarb.	ʒij.
Liq. bismuth. et ammon. cit. ..	ʒiij.
Tr. card. co.	ʒijss.
Aq. menth. pip. .. .. ad	℥vj.

Yours faithfully,

J. S. (27/10).

[Sodium bicarbonate in solution gradually decolorises tr. card. co., precipitating the colouring matter. This is unavoidable in an alkaline mixture, the precipitation commencing immediately and continuing until most of the colour has fallen to the bottom of the bottle. Liq. bismuth et am. cit. and sodium bicarbonate are incompatible, bismuth carbonate being thrown down as a copious precipitate. Some samples of liq. bismuthi et am. cit contain varying proportions of ammonium citrate which influences the rate of precipitation, and delays deposition. Two factors are responsible for the change that occurs—first, the more alkaline the more rapid the oxidation and precipitation of the colouring matter, and secondly, the entire loss of colour in the supernatant liquid is due to the basic precipitate carrying down the colouring matter. The mixture should be dispensed with a "Shake the bottle" label.]

Mist. Phenazoni Co., N.F.

SIR,—In reference to mist. phenazoni co. (*C. & D.*, August 19, p. 284), a double-strength stock mixture which keeps is easily made by leaving out the sodii salicyl. This latter can be added at the time of dispensing, and an undarkened mixture is thus sent out.

Yours respectfully,

Sheffield. JOSEPH E. HILL.

Precipitation in a Ferric Acetate Mixture

SIR,—I have been dispensing the following prescription since 1929, and hitherto always got a clear solution. Now after a day or two a precipitate forms, and finally the mixture becomes quite discoloured with a heavy brownish precipitate. I have dispensed this every week without a complaint until quite recently. Can you explain this? I used liq. ammon. acet. fort. (1-7)℥iss.

Tr. ferri perchlor	ʒij
Liq. ammon. acet.	℥iss.
Aq. .. .. ad	℥viij

Yours faithfully,

EXEMPLUM (21/8).

[We have made this mixture and find that although bright and clear for two days, it becomes cloudy on the third day and deposits a heavy precipitate on the fourth and fifth days. There was a tinctura ferri acetatis, B.P., 1885, and liquor ferri acetatis, B.P., 1898, and the "fortior" of the B.P. 1885. All of these were made by preparing ferric hydroxide from the sulphate by precipitation with ammonia, and after washing, dissolving in glacial acetic acid. The ferric acetate at first formed changes in the above mixture to a basic ferric acetate. This would happen in a few minutes if you heated the mixture. It is recoverable by the addition of a few drops of acid. acetic., B.P. It appears to be caused by the alkalinity of the liq. ammon. acet. The precipitate does not occur if the iron and ammonium acetate solutions are mixed, allowed to stand a short while, and the water then added—provided there is sufficient acid to form the iron acetate and be slightly in excess.]

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

G. G. H. (3/88).—FACE CREAMS.—The following are formulas for "day" and "night" creams:—

Night Cream or Skin Food

Benzoated olive, or almond, oil	20·0
White beeswax	8·0
Hard paraffin	2·5
White soft paraffin	50·0
Liquid paraffin	15·0
Lanolin	10·0
Distilled water	15·0
Borax	0·15
Perfume	0·5

Melt the beeswax, hard paraffin and soft paraffin by aid of gentle heat, then add the oil and lanolin; stir until the latter is liquefied; if too cool gently heat again. Heat water to several degrees above the temperature of the oils, dissolve the borax, and slowly pour into the fats, stirring all the time. Whilst still warm enough to stir without upsetting the emulsion, add the perfume. A more scientific cream would include cholesterin 1½ to 2½ per cent.; the inclusion of Tegin, 3 to 4 per cent., would produce a more homogeneous cream; if using cholesterin add the latter to the melted fats and effect complete solution before adding water and borax. It is, of course, understood that by "Night Cream" a skin nourishment is required; not many years ago a cream for night use was more in the nature of a cleansing cream.

Day Cream

Stearic acid	20·0
Cacao butter	3·0
Liquid paraffin	2·0
Caustic potash	1·5
Borax	0·5
Glycerin	5·0
Distilled water	80·0
Perfume	0·5

Take 40.0 of water, add the caustic potash, borax and stearic acid. Place on a water bath and commence heating, stir at intervals until the acid is melted and a cream is formed. Now add the cacao butter and liquid paraffin, again stirring well until these are thoroughly incorporated. Meanwhile heat the remaining 40.0 of water to at least the temperature of the cream (if slightly hotter it makes no difference), add the glycerin and pour into the cream, again stirring during the operation. When nearly cool, but whilst hot enough for easy manipulation, add the perfume. The cacao butter and liquid paraffin can be omitted—some compounders prefer this type of cream without any addition of oils, considering the simple cream a sufficient foundation for face powders. A suitable perfume for both creams is given in "Perfume Synthesis" (*C. & D.* Annual Special Issue, June 24, 1933, p. 720).

V. J. S. (24/8).—ILLUSTRATED BOOKS ON ADVERTISING.—"Advertisement Lay-out," by A. J. Watkins (Pitman, 15s.); "The Lay-out of Advertising," by R. H. W. Cox (Pitman, 10s. 6d.); "Advertisement Copy," by C. C. Knights (Crosby Lockwood, 5s.).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics

The late Mr. H. R. Matthews

We are indebted to an old subscriber (*A. E. B.*) for the loan of a copy of Rouse's "Dictionary of Synonyms for the Use of Chemists, their Assistants and Apprentices," published in 1898. This useful volume was compiled by the late Mr. H. R. Matthews, Ph.C., whose death was recorded in our issue of August 26 (p. 297), in his limited periods of leisure. The number of entries in it may be roughly estimated at 5,000.

The Enforcement of a Contract in Scotland

Mr. Mortimer deals, under the heading "The Enforcement of a Contract" (*C. & D.*, August 26, p. 293), with a situation that is not applicable to Scotland, namely, the position where a contract is entered into for the sale of goods to the value of £10 or upwards. What Mr. Mortimer has in view, I think, is Section 4 of the Sale of Goods Act, 1893, but it specifically says in that section that the provisions of the section do not apply to Scotland. Actually there is no difference in Scotland with regard to the sale of goods whatever the value may be. That is to say, parole evidence may be led to prove any contract for the sale of goods although, of course, it is more difficult to prove a contract by parole evidence than by writing.—*Lex Caledoniensis* (29/8).

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," September 15, 1883

Early Closing in Australia

A MEETING of master chemists and others desirous of securing shorter hours for chemists' assistants was held at the Victoria Coffee Palace [Melbourne] on July 25. . . . The chairman, having read an agreement signed by 102 master chemists, pledging themselves to close their places of business at 9 o'clock, stated that no one could deny the desirability of shortening the hours of labour of chemists' assistants. At the same time there were certain difficulties in the way. It was absolutely necessary that someone should always be on duty in chemists' shops. . . . Mr. J. B. Mummery moved:—"That this meeting is of opinion that all pharmacies should be closed at 9 p.m. on week nights, with the exception of Saturdays, when the hour of closing be 10 p.m." . . . The motion was seconded by Mr. J. C. O'Kearney, and adopted. Mr. C. Atkin moved:—"That the master chemists concede to their assistants a weekly half-holiday from 1 p.m., and that the hours of duty on Sunday be from 9 a.m. till 1 p.m. and from 6 p.m. till 9 p.m." . . . Mr. B. Baker seconded the resolution, which was carried unanimously.

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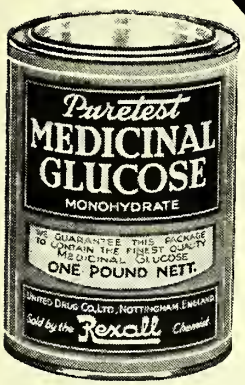

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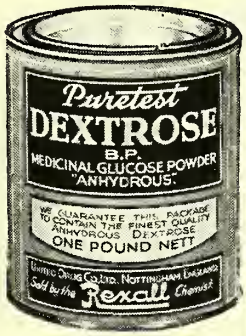

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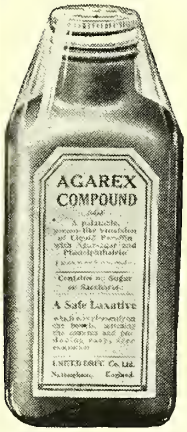

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43 HOLBORN VIADUCT, LONDON, E.C.1
Sole Distributors of DeVilbiss Products in the United Kingdom

CVS-57

THIS HOUSEHOLD REMEDY HAS A BIG SALE

Cephos
Pronounced See-foss REGD
THE PHYSICIAN'S REMEDY

Retails at 1/3 and 3/- in powders or tablets

Single Powders 2d. each

For
HEADACHE
RHEUMATISM
NEURALGIA
LUMBAGO
SCIATICA
AND SUMMER COLDS

from your usual wholesaler or write direct

SHOWCARDS & DISPLAY MATTER
Sent upon application to Cephos Ltd., Blackburn, whether you obtain supplies from us or elsewhere.

Cephos Ltd. Blackburn

The Antacid Digestant
BiSoDoL
(Regd. Trade Mark)
Invaluable for
INDIGESTION, DYSPEPSIA, HEARTBURN, ACIDITY, FLATULENCE, etc., etc.

BiSoDoL is recommended by Doctors, Dentists and Nurses throughout the Country.
Now available in three sizes 1/3, 3/-, 4/9.

BiSoDoL LTD.
12, Chenies Street, London, W.C.1.

VISCOSITY
is the true quality test of
LIQUID PARAFFIN

Our article answers fully to the requirements of the B.P. 1932.

Quality Counts!
FRANCIS F. FOX & CO. LTD
BRISTOL AND BIRMINGHAM *Est over 100 Years*

VITAMINS LIMITED

Manufacturers of

BEMAX

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BEMAX CHOCOLATE

beg to announce that they have appointed

J. C. ENO LIMITED

160 Piccadilly, W.1

to act as sole selling Agents for BEMAX and BEMAX CHOCOLATE in Great Britain and Ireland from September 1st, 1933.

Your wishes will receive every consideration in their hands and any orders or enquiries placed with them, either direct or through their Representatives, will meet with prompt and careful attention.

ADVERTISING

BEMAX and BEMAX CHOCOLATE will be advertised to an even greater extent during the coming autumn and winter months. This will be supported by specialised propaganda amongst all doctors both by personal calling and direct mailing. Be sure to order your supplies early and make a window or counter display so that you may benefit to the fullest extent from the increased sales which are bound to result.

VITAMINS LTD., 23, UPPER MALL, HAMMERSMITH, W.6

WOOLDRIDGE Brand
GOUT & RHEUMATIC TINCTURE

NEW PRICES FOR THE TRADE:

Small size - - 18/- per doz.
Large „ - - 27/- „ „

This old fashioned remedy is now packed in Display Outers.

Bonus of 2 Bottles to every dozen is given for Window or Counter Display.

Send for one of our neat and striking showcards.

Order this through your Wholesaler or direct. Regularly advertised.

WOOLDRIDGES MEDICINE CO. LTD.
67/8 NEW HOUSE, HATTON GARDEN, E.C.1

Iglodine

THE SAFE AND PURE ANTISEPTIC,

And its Kindred Preparations, are Dependable, Quick-Selling and Profitable to the Chemist.

THEY SATISFY BUYERS AND BRING REPEAT ORDERS!

IGLODINE, the Ideal Home Healer, is Highly Recommended by the Medical Faculty, and Retails at **10½d., 1/6** and **3/-** per Bottle. **IGLODINE Specialities include—EMBROCATION, TOILET SOAP, OINTMENT, CREAM, THROAT TABLETS, SUPPOSITORIES, SHAVING STICK, PASTILLES, NASAL DOUCHE, SALICYLATED: Also FIRST-AID OUTFITS.**

P.A.T.A. Photo-Litho Showcards. Window Display Scheme Particulars and Prices from

THE IGLODINE Co., Ltd., NEWCASTLE-ON-TYNE.

BRAND **Okasa** TABLETS

THE RECOGNISED LEADING

HORMONE-GLAND Preparation

For the Treatment of all NEURASTHENIC DISORDERS

SILVER FOR MEN — GOLD FOR WOMEN

PRICES: Box containing 35 Tablets - 5/-
„ „ 75 „ - 10/-
„ „ 250 „ - 30/-

SOLD ALL OVER THE WORLD

SHOWCARDS & WINDOW DISPLAYS AVAILABLE

LEWIS & MELCHIOR, LTD.
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QUININE
QUINIDINE
CINCHONINE
CINCHONIDINE

Sugar-coated Quinine Tablets and Pills.

and

SALTS

Gelatine-coated Oval Pills.

BANDOENG JAVA **BANDOENG QUININE FACTORIES** AMSTERDAM De Wittenkade 48-50.

Telegrams: "Kininefabriek Bandoeng." Samples, prices and particulars on application. Telegrams: "Semadmy Amsterdam."

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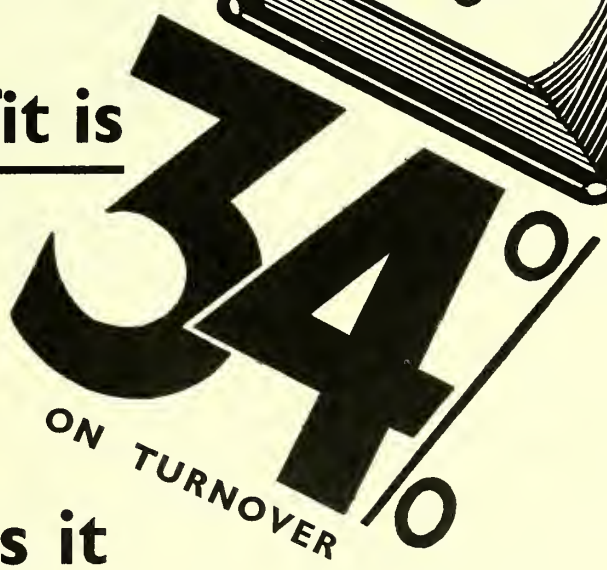
THIRTEEN-TO-THE-DOZ

BONUS OFFER

Closing Date is

Your Profit is



Don't miss it

Available to qualified dispensers only. Minimum quantity three dozen, either size or assorted. Order through your usual wholesaler or direct from the distributors:

FASSETT & JOHNSON Ltd., 86 CLERKENWELL RD., E.C.1

Issued by Natural Chemicals Ltd., London

Paraffinum Liquidum B.P.

ALL GRADES
SAMPLES & PRICES

On application to —

STERNS LTD

16 Finsbury Square London E.C.2

Telephone : National 7644 (7 lines).
Telegrams : "Centumvir, Telew, London."

WHOLESALE ONLY

BLACKWELL HAYES & CO. LTD.

for 50 years

Specialists in

FLAVOURS

FRUIT ESSENCES AND HARMLESS COLOURS

Bulk or packed

All products guaranteed to conform to the Food and Drugs Acts

MOOR ST. & ALBERT ST.
BIRMINGHAM

The Astounding "Repeat" Business of HERBARAS

FACTS THAT WILL INTEREST YOU

There is a growing demand among critical people for a **natural** treatment for constipation ● This demand stimulated by our educational advertising has **exceeded** expectations ● In 3 months only, Trade "Repeat" business has increased by 823%! ● The Herbaras treatment is the emollient action of seeds of a selected plantago type ● It is being increasingly prescribed and recommended by the Medical and Nursing professions. ● THE GOODWILL OF EVERY LOCAL ORDER IS HANDED OVER TO THE LOCAL CHEMIST.

P.A.T.A. TERMS

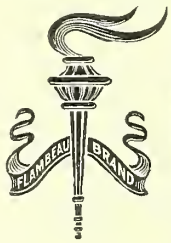
1/9 (¼ lb. packet)	- -	15/9 per doz.
3/- (½ lb. ,,)	- -	27/- ,, ,,
5/- (1 lb. ,,)	- -	45/- ,, ,,
9/6 (2 lb. ,,)	- -	85/6 ,, ,,

All orders over £1 NETT sent Carriage Paid.
Counter or Window Display Terms on application.

JOHN W. LONGMAN LTD.

Overseas Produce Merchants & Importers

C.D. CLYDE HOUSE,
489a Oxford Street,
LONDON, W.1.



JONES *for* METHYLATED SPIRIT

ALL STRENGTHS IN STOCK
PROMPT DELIVERIES IN CASKS, DRUMS OR TANK LORRY

Send your enquiries to

JONES & CO. *(METHYLATORS)* Ltd., Bow, London, E.3

Telegrams: "Methspirit, London."

Telephone : Advance 3210 (2 lines)

Here are TWO LINES that show a GOOD PROFIT

Beecham's PILLS

Beecham's POWDERS

You will increase your daily profits by keeping Beecham's Pills and Beecham's Powders before the public. Display them on your counter—in your window—about your shop. Our advertising creates the demand and we regard everyone as a potential customer.

Every modern and progressive chemist realizes that under existing conditions it is essential that his business premises function busily for 300 days of the year, and, consequently he must stock and push goods that sell on each of those 300 days—in other words he must concentrate on the DAILY SELLERS.

TRADE TERMS

Beecham's Pills 1/3 Size 11/9 Per Doz
" " 3/- " 28/- "
" " 5/- " 54/- "
Beecham's Pills. 1/3 Size 11/9 Per Doz.
" " (Tablet Form)
" " 5/- " 54/- "
Beecham's Cough Pills 1/3 Size 11/9 Per Doz.
" " " 3/- " 28/- "

Less 2½% Discount and 5% Window Display Allowance. Minimum Order £2-0-0 value. Monthly Account. All goods packed free and sent carriage paid. Stock more—show more and sell more Beecham's Pills and Beecham's Powders.

Order Now

BEECHAMS PILLS LTD.

ST. HELENS, LANCASHIRE.

D C L BRAND
YEAST
This famous Brand of Yeast is now available for Medicinal use in—
TABLET FORM
60 Tablets 1s. 6d. 120 Tablets 2s. 6d.
Retail Discount 33⅓%. Wholesale Discount 16⅔%.
All Orders Carriage Paid.
Supplies now available through usual Wholesale channels, and from The United Yeast Co., Ltd., London, Birmingham, Bristol, Leeds, Manchester and Newcastle, or from
THE DISTILLERS CO., LTD.
EDINBURGH
THE USE OF "D.C.L." YEAST WILL PROMOTE BETTER HEALTH AND IS RECOMMENDED FOR IMPROVING THE CONDITION OF THE BLOOD AND FOR THE TREATMENT OF SKIN ERUPTIONS, CONSTIPATION, INDIGESTION AND NERVOUS DISORDERS.

AWARDED THE CERTIFICATE OF THE INSTITUTE OF HYGIENE
DORSELLA MILK FOOD
ENGLISH DRIED MILK
Enquiries are solicited for the following:—
Full Cream "Dorsella" Dried Milk
Half Cream
Separated "Paragon"
Casumen, Soluble Milk Proteid
Sweet Whey, Crystals or Powder
Kencream for Puppies
Unita (Dorsella and Casumen)
SUPPLIED IN BULK, TINS OR CARTONS
Quotations and samples on request
PRIDEAUX'S, LTD.
MOTCOMBE, SHAFTESBURY, DORSET
'Phone No.: Shaftesbury 4

FINEST PURE LOFOTEN
COD LIVER OIL
Trade Mark AA
BRÖDR AARSÆTHER A/S AALESUND, NORWAY
VETERINARY COD LIVER OIL A SPECIALITY
SOLE AGENTS FOR U.K. (EXCEPTING SCOTLAND)
Freudentheil, Smith & Co.
21 MINCING LANE, LONDON, E.C.3
Tel. Add.: "Freudenruf" *Tel. No.:* Royal 6600
STOCKS HELD IN LONDON
AGENT FOR SCOTLAND: ANDREW STEVEN & SON, GLASGOW

PURE ORANGE WINE
A. MILLAR & CO., LTD., DUBLIN
(VINUM AURANTII B.P. 1914.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

ESTABLISHED 1793.
The Best and Safest Infants' Medicine of over 130 years' standing.
ATKINSON & BARKER'S INFANTS' PRESERVATIVE
Does not contain any Scheduled Poison.
ROBERT BARKER & SON, LTD., 13 WESLEY STREET, C. on M., MANCHESTER

LOSALL'S SALT

Sells freely and readily. PAYS 50% ON OUTLAY

An infallible remedy for

GOUT, RHEUMATISM, ECZEMA and SKIN AFFECTIONS.

P.A.T.A.

4 oz. tins 1/-
8/- doz. net
8 oz. tins 1/9
14/- doz. net
Bottles 2/-
16/- doz. net

Attractive advertising matter supplied on application
SOLD EVERYWHERE

Manufactured by

LOFTHOUSE & SALTMER, Ltd.
HULL

SELL BRITISH!

HARROGATE SPA SPARKLING TABLE WATER

Bottled and Aerated for the Corporation of Harrogate from one of Harrogate's 88 Springs by CAMWAL LTD.

AQUAPERIA The British Medicinal Aperient Water

Bottled by CAMWAL LTD.

CAMWAL Ltd. *Factories at:* London, Manchester, Birmingham Bristol, Harrogate.

WEST END OFFICES: 123 Pall Mall, S.W.1

CHELTINE STARCH-REDUCED FOODS & FLOURS

revised and prepared under the supervision of an Authority of the highest standing in the Medical Profession, are now advertised regularly in "Punch," "Daily Mail" and many other influential publications, so that Pharmacists can stock them with every confidence. Diet cards, attractive advertising display-matter, booklets, etc., are supplied on request, free, together with the fullest information about Cheltine products.

Cheltine Foods Co., 13 Chester Walk
CHELTENHAM SPA, ENG.

THE TRADE DISCOUNT HAS BEEN INCREASED

YOUR CUSTOMERS can easily make

PURE BEER

AT HOME

FOR 1D PER PINT ALE OR STOUT

FROM

VIGGORMALT

THE* PURE TRIPLE - STRENGTH EXTRACT OF RICH MALT & HOPS *ONLY

(NOTE THAT WORD "ONLY")

NO SUGAR OR OTHER ADULTERANT IS ADDED TO MAKE BULK AND CHEAPEN COST

YEAST SUPPLIED FREE WITH EACH TIN

NO MILLING MASHING BOILING OR FILTERING

Simply Add Cold Water

WHY IT PAYS YOU TO STOCK VIGGORMALT

1. **BECAUSE** it is the only preparation for the making of pure Beer upon which you can stake your reputation.
2. **BECAUSE** you can recommend it with the knowledge that it contains no substitutes for Malt and Hops, but only the real thing.
3. **BECAUSE greater sales have decreased overheads per unit, enabling us to offer liberal extra discounts to the dealer!**

CARRIAGE PAID ON ALL ORDERS

FULL PARTICULARS OF TRADE TERMS AND ATTRACTIVE DISPLAY MATERIAL SUPPLIED IMMEDIATELY ON REQUEST TO THE VIGGORMALT DISTRIBUTORS:

FASSETT & JOHNSON, LTD.
86 CLERKENWELL ROAD, LONDON, E.C.1

Sole Manufacturers:

VIGGORMALT Ltd., Davigdor Road, Hove, Sussex

NEW 'ASPRO' WINDOW DISPLAY

Just off the Press

Here's news for 'ASPRO' distributors. A new 'ASPRO' Window Display is just off the Press. It is handsomely printed in six colours and is generally considered to be our best effort to date. It is an artistic adjunct to any chemist's window and should be a good sales puller. Might we suggest you write us so that we can send you one of these displays, post free, by return mail. 'ASPRO' advertising is still being pushed vigorously. The more often you show your display the greater result you will obtain from the advertising. So you see it is worth while writing to-day.

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

'ASPRO' REG. TRADE MARK

Agents: GOLLIN & CO. PTY. LTD.

('Aspro' Dept.), SLOUGH, Bucks.

Telephone: SLOUGH 608

MADE BY ASPRO LTD., SLOUGH, ENGLAND

No proprietary right is claimed in the method of manufacture or the formula.

INCREASE YOUR SALES

and save money by using

'ASPRO' CHEMISTS' BAGS AND ENVELOPES

— PRICES —

Kristal Envelopes	- -	2/6 per 1000
Greaseproof 2oz. Bags	-	1/- per 1000
Greaseproof 2oz. Bags (long)		1/6 per 1000

CASH WITH ORDER

BUY 'ASPRO' ON BONUS TERMS AND SAVE 17%

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

SEPT. 2, 1933

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are **PREPAID,** so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for DISPOSAL, PREMISES TO LET and FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS for SALE and AGENCIES—**6/-** for **50** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

SITUATIONS OPEN—**6/-** for **40** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

SITUATIONS WANTED—**2/-** for **18** words; every additional **10** words or less, **6d.** (Box No., **1/-** extra.)

LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, **1/3** per nonpareil line (12 lines = 1 inch single column). (Box No., **1/-** extra.)

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EXCHANGE COLUMN (for Retailers, etc.)—**Twopence** per word, minimum **2/-**. (Box No., **1/-** extra.)

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2

Telephone: Central 6565 (8 *lines*). *Telegrams: "Chemicus, Estrand, London."*

CLOSING FOR PRESS.

All advertisements intended for insertion in this Supplement must reach us not later than FIRST POST THURSDAY MORNING

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4

ESTABLISHED 1846 *Telephone No.: CITY* 2283

May be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—LONDON, S.E.—General Retail and Dispensing Business, with Kodak Agency and Panel Dispensing; returns £2,524, with gross profit approaching £1,000; main road shop, well fitted and stocked; living accommodation, with four bedrooms; garden; long lease; rent £150; price £1,500 or valuation terms entertained.

2.—LONDON, S.W. (within easy reach of City and West End).—Working-class Retail Business with very large Panel; established a century; returns last year exceeded £2,750; Chartered Accountants' figures; double-fronted corner shop in prominent position; new lease will be granted; part of premises sublet; living accommodation available; price £1,500, or valuation terms entertained.

3.—LEWISHAM (NEAR).—Cash Retail Business with Kodak and Rexall Agencies; returns 1933 £2,151 under management; gross profit 37 per cent.; double-fronted shop in main road; stock and fixtures worth about £950; rent £125; 13 years' lease unexpired; terms, valuation of stock and fixtures plus an agreed sum for goodwill.

4.—FULHAM.—Light Retail and Dispensing Business with Kodak Agency; established 50 years; returns last year, under management, £1,230, with net profit £320; good-sized shop, nicely fitted in mahogany; living accommodation and nice garden; rent £90; house at present sublet at £77, but can be obtained if required; stock and fixtures worth about £600; price £900, or £300 and valuation of stock and fixtures.

5.—CENTRAL LONDON.—General Retail and Dispensing Business, with scope for Optics; very old established; returns, present rate, under management, about £1,800 per annum; net profit to owner-manager about £400 per annum; small shop, well stocked and attractively fitted; held on renewable lease; short hours, with no Sunday duty; price for quick sale about £850; further details on application.

6.—BROMLEY.—General Retail Business serving residential area, with sub-Post Office attached; returns, under management, about £17 weekly, plus N.H.I. about 150 scripts per month; in addition, the Post Office brings in over £10 per month; stock and fittings worth about £475; flat over shop can be had if required; price required for business £500; stock will be reduced if required; rent of shop £104 per annum.

7.—NORTH LONDON.—Good working-class Cash Business with Kodak Agency; no booking; good N.H.I.; very easily worked; returns 1932 £1,200, under management; double-fronted shop in semi-main road; four-roomed house, with bathroom and private entrance; rent £80; lease 16 years unexpired; price asked £500.

8.—SOUTH COAST (POPULAR HEALTH RESORT).—General Retail Business with Kodak Agency; increasing turnover last year being £2,339, with gross profit 40 per cent.; large double-fronted shop, well fitted and stocked; living accommodation, garden and shed; property can be purchased or lease will be granted; terms, valuation of stock and fixtures (about £1,100), plus an agreed sum for goodwill, or lump-sum offer entertained.

9.—NORTH RIDING.—General Retail Business with good sale for own Proprietaries; for the past three years vendor has made over £300 a year, with house rent free, and is anxious to sell, having now purchased another business; this is a good opportunity for a man with less than £500 capital, and the stock will be reduced to meet a purchaser's requirements; full details on application.

10.—DORSET COAST.—General Retail Business with Kodak Agency; increasing turnover; the average for this year will be between £40 and £45 weekly; gross profit 40 per cent.; double-fronted shop in very fine position; good house, with private entrance; new lease will be granted at reasonable rent; price £150 for goodwill, plus valuation of stock and fixtures, in all about £1,250; this business is known to us and we are of opinion that it has a very good future.

11.—KENT COAST.—Middle-class Cash Retail and Prescribing Business; net profit last year £452; double-fronted corner shop, fitted in mahogany; five good-sized rooms; rent £80; stock and fixtures worth £550; price for early sale £750 or near offer.

12.—ESSEX (NEAR COLCHESTER).—Good-class Family Retail and Prescribing Business; the returns at present are low, but there is scope for increase to an euergetic, capable man; net profit last year £226; six-roomed house, with private entrance; vendor owns the property and wishes to sell same; price required for business £425; suitable to one wishing to semi-retire.

13.—WEST OF ENGLAND.—General Retail and Dispensing Business; returns 1932 £2,238; double-fronted shop; stock and fixtures worth approximately £1,000; flat over shop; price of business about £1,450, or valuation terms entertained; property must also be purchased; substantial mortgage could be arranged.

14.—DERBYSHIRE.—Good Medium Class Cash Retail Business, occupying exceptionally good position and offering scope for large increase under live management; returns at present average £40 per week; net profit £550; small Optical connection; stock and fixtures worth about £1,300; new lease commencing at £100 per annum; private house available; price to be arranged, lump sum, or agreed sum for goodwill, plus value of stock and fixtures.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

BERDOE & FISH

CHEMISTS' VALUERS AND TRANSFER AGENTS,

41 Argyle Square, KING'S CROSS, W.C.1

(One minute from St. Pancras and King's Cross Stations.)

1.—HANTS (New Forest).—Owing to death of owner, offers are invited for a select Chemist's Business and freehold property; modern house, garage and large well-stocked garden; charming locality; no opposition; applicants must have at least £3,000 capital.

2.—BOURNEMOUTH.—Light Cash Retail, in splendid main-road position; present returns £26 weekly; fine chance for qualified owner; selling on account of family reasons; price £750.

3.—SURREY (20 miles out).—Good-class Business; pleasantly situated; turnover about £950; net profit £232; audited figures; convenient house and pharmacy; scope for increase and fine opening for Optics; price £550 or close offer.

4.—HERTS.—Good Middle-class Cash Retail; turnover exceeds £1,500, increasing; net profit £420; rent £60; modern Pharmacy, well stocked; books audited; price £1,200 or valuation terms.

5.—ESSEX (50 miles out).—Good-class Business, showing steady increase; returns approach £1,650, under manager; well-fitted Pharmacy; fully stocked; rent £100; 15 years' lease; price £1,150; books audited.

6.—MIDLANDS.—Newly-established Business in small town; turnover approx. £70 a month, under manager; population 5,000, with large district; one other chemist; lock-up shop; rent £52 clear; price £400, bare value of stock and fixtures.

7.—LONDON, S.E.—Profitable Cash Retail, in thickly-populated district; no immediate opposition; returns last three years average £920; no panel; in addition P.O. attached yields £300 yearly; good house and shop; long lease; owner retiring; price £750 or offer; strongly recommended.

8.—CLERKENWELL.—Old-established Light Retail with good N.H.I.; neglected through illness; returns nearly £1,300; plenty of scope; rent £66 on lease; good house and shop; densely populated area; no near opposition; price for quick sale £750.

9.—LONDON, S.W.—Light Cash Retail and Dispensing, with N.H.I.; main-road position; returns about £1,250; net profit £320; rent £90, sublet £77; long lease; well stocked; price £900 or near offer.

Stocktaking Valuations

We undertake stocktakings at very low rates, and are now booking up dates for September onwards; please let us quote for yours; all valuations carried out by principals.

Estab. 1870. Telephone: Terminus 3574.

EDUCATING THE PUBLIC

One of the most effective pieces of public propaganda on behalf of the chemist is the booklet

THE BUSINESS OF A CHEMIST AND DRUGGIST

It sets forth clearly and concisely the functions of a pharmacist, his training, the restrictions of his trading and other matters of especial interest to the public at the present time.

Supplies of these booklets at the rate of

50 copies for 2/9

are obtainable from :—

THE CHEMIST AND DRUGGIST

28 ESSEX ST., STRAND, LONDON, W.C.2

BRANCH OFFICES:

Manchester, Sheffield, Glasgow. Melbourne and Sydney (Australia). Auckland (New Zealand).

Ernest J. George

Bank Chambers, 329 High Holborn, London, W.C.1
Telephone Nos.: Holborn 1167 & 1278 (2 lines)

Tudor House, Walsall
Telephone: Walsall 3774
Telegrams: "Earnest, Walsall"

Businesses available for disposal by private negotiation. No charge to purchasers.

(C1) BOURNEMOUTH (NEAR).—Elegantly fitted lock-up pharmacy, situated in very prominent position; present returns upwards of £40 weekly, with undoubted scope for considerable expansion; rent, £150; lease, 21 years; further particulars, in strict confidence, upon application.

(C2) LANCASHIRE.—Old-established middle-class business, with good living accommodation, situated on busy main road; returns for 1932 financial year upwards of £2,000, with net profit approximately £550; no near opposition; good reasons for disposing; open to every investigation as constituting a sound, genuine concern; reasonable purchase price; property also available at "bargain" figure; particulars, in strict confidence, to *bona fide* purchasers on receipt of bankers' or other satisfactory references.

(C3) MERSEYSIDE.—Established retail business, with living accommodation, for disposal at an extremely low figure owing to special circumstances; turnover approximately £1,350 per annum, with net profit, £375; good scope for further development; main road situation; rent £75; purchase price, £500, which represents little more than the value of stock and fixtures; interested prospective purchasers are advised to investigate without delay.

(C4) LONDON, S.E.—Very congenial and good-class business, with living accommodation, for immediate disposal owing to genuine health circumstances; present returns approximately £24 weekly; very reasonable purchase price, as an early sale is essential; good scope for optics if desired; further details upon application.

(C5) WESTERN COUNTY.—Pharmacy showing steady and consistent progress, situated in popular seaside resort; present returns approximately £30 weekly (average for present year about £20, but steadily increasing); living accommodation if required, but three months' notice would be necessary; rent, including rates, £90 per annum, or pharmacy only, £55 per annum; purchase price approximately £550, which represents the value of stock and fixtures only; good reasons for disposing.

(C6) LONDON, S.E.—Attractive modern pharmacy with sub-post office, situated on busy main road of rapidly growing residential district; the business has in the past shown very high returns, but was neglected for a period, in consequence of which the present turnover is at the rate of approximately £17 weekly; this cannot be taken as any criterion, however, as there should be abundant scope for re-establishment within a comparatively short space of time; post office salary upwards of £10 per month; reasonable overheads; purchase price £500, subject to stock at valuation, £325.

(C7) TYNESIDE.—Old-established pharmacy (lock-up), prominently situated, and offering exceptionally good scope for further development; present turnover approximately £1,250 per annum; rent £40; purchase price £750, representing less than the value of stock and fixtures, but proprietor is prepared to dispose at a sacrifice owing to other interests.

(C8) SURREY.—Modern pharmacy with small flat above, situated in pleasant and congenial district; returns at the moment average approximately £25 per week, with excellent prospects for further increase; no near opposition; purchase price approximately £700 (all-in).

(C9) SOUTH WALES.—Established pharmacy situated in busy main shopping thoroughfare; returns approximately £2,800 per annum; rent £175, including living accommodation at present sub-let; purchase price £1,600 all-in (stock and fixtures estimated at £1,250); small optical connection.

(C10) WARWICKSHIRE.—Established retail business, with living accommodation, situated in pleasant country town; present returns approximately £1,300 per annum, with excellent scope for increase; rent £52; price £900 (open to offer).

(C11) ELEPHANT AND CASTLE (NEAR).—Established retail business recently carried on as a drug store, offering good scope for expansion under personal proprietorship; premises situated in thickly-populated district; very reasonable purchase price for quick sale; further details upon application.

(C12) CENTRAL WALES.—Very old-established pharmacy, situated in leading position; excellent scope for further increase and development over the present returns, which average £25–£30 weekly; rent, £40 per annum; living accommodation available if required; price for quick sale (all-in) £650 (near offer considered); exceptional opportunity for chemist with some experience of agricultural trade; further particulars, in strict confidence, to *bona fide* prospective purchasers only. A knowledge of the Welsh language is not essential in order to adequately carry on the business.

(C13) BIRMINGHAM.—Pharmacy, with living accommodation, situated on busy main suburban road; returns under management upwards of £1,450; good scope for increase under personal proprietorship; property (leasehold) also available; reasonable purchase price.

(C14) SUFFOLK.—Established seaside business, unopposed, with living accommodation, can be acquired for a very reasonable figure, owing to private circumstances; returns upwards of £1,150 per annum; purchase price £750 (offers considered); property also available.

VALUATIONS FOR ALL PURPOSES AT ECONOMICAL RATES.

THE ASSOCIATION OF MANUFACTURING CHEMISTS, LIMITED
(Business Agency, Transfer & Valuation Department)
KIMBERLEY HOUSE, and at EXCHANGE CHAMBERS, Holborn Viaduct, LONDON, E.C.1 2 Bixteth St., LIVERPOOL.
PARKIN S. BOOTH, Valuer. Tels.: CITY 3691 (4 lines).
VALUATIONS, SALES OF BUSINESSES. STOCKTAKINGS.
Enquiries Invited.

BUSINESSES FOR DISPOSAL.

CROYDON, 87 LOWER ADDISCOMBE ROAD.—Old-established Pharmacy; must be disposed of on account of illness; present owner over 30 years; price, including stock, fixtures, goodwill, £900; also the freehold premises, £1,750; or could be let on lease if wished; thoroughly genuine concern. Apply by letter, Deal, 124 Addiscombe Road.

HAMPSHIRE Family Retail Business and property for immediate disposal; average net profit £312; good house and well-stocked garden; double-fronted shop in main road; offers invited. 227/175, Office of this Paper.

KENT COAST.—Middle-class Retail; present returns £1,200; net profit £380; Kodak, N.H.I.; good living accommodation; reasonable rent, or freehold may be purchased; stock and fittings value £550-£600; purchase price £675. 489/12, Office of this Paper.

MANCHESTER (near).—Industrial town; old established; present owner as a branch for over 13 years; lock-up; rent £50 and rates; cash sales, including N.H.I., for the last three months average £24 per week; under personal supervision could be greatly increased; excellent position fronting three main roads; 3 windows, 2 entrances; price approximately £600, up or down on value of stock. 492/2, Office of this Paper.

MIDLANDS.—Cash Retail Business, with branch, for sale; growing district; returns over £4,000; accountant's figures available; good reason for disposal; banker's refereuce, please; genuine buyers only will be given full particulars. 492/15, Office of this Paper.

SOUTH-EAST COAST.—High-class modernised Business for sale; well and heavily stocked; established 35 years; maisonnette over; side entrance and large shed in rear; turnover about £1,700; 60 miles from London; books properly kept and audited; price by agreement. 489/17, Office of tbis Paper.

SOUTH LONDON.—Exceptional opportunity to acquire neglected business; working-class district; established 16 years; returns last year £1,000; price £320 or near offer. 490/38, Office of this Paper.

SURREY.—Well-fitted Modern Pharmacy, with good house; well stocked; in pleasant, growing district; present returns approximately £14 weekly, and steadily increasing, with definite prospects, as there is extensive building in progress; Kodak and Selo Agencies; genuine reason for sale; price £550 or near offer. 490/30, Office of this Paper.

SUSSEX.—Small inland town; lucrative Chemist's business for sale; returns over £2,000 for last 5 years, with average net profit £700; on lease £60; nice house, sublet £48 (weekly tenant); good window and fittings; fully stocked; price £2,000; further details on banker's reference only. 490/24, Office of tbis Paper.

A GOOD opportunity for a Chemist with capital, a well-fitted Pharmacy in Kingston for sale; fixtures and fittings at cost; stock at valuation; freehold must be bought; genuine buyers only. 490/390, Office of this Paper.

CHEMIST Business; seaside; Cheshire; house attached; no agents; price £1,150. 493/6, Office of this Paper.

DRUGGIST, Retail, High Road, Beeston; splendid opportunity for qualified man to make living; price for value of stock about £200. Frost & Co., Clifton Works, Beeston, Notts.

DRUG STORE, Surrey; considerable scope for Chemist; good-class Family Business; easily worked up; £250 (which represents stock and fixtures only); for quick sale. P.C.B. 88/17, Office of this Paper.

DRUG STORES, lock-up; one room; main road; near Croydon; long lease; rent £52; taking £10 to £12; excellent scope; £110 all at or £25 without stock. 7 Whitehall Road, Thornton Heath, Surrey.

FOR immediate sale; well-fitted Pharmacy in Leytonstone district; good living for man on spot; living accommodation; moderate price to genuine buyer only; no agents. 490/39, Office of this Paper.

FOR SALE.—Chemist's Stock and Fixtures; Leeds suburb; good opportunity for quick buyer; tenancy of premises available. Apply S. R. Fuller & Co., Accountants, 39 Albion Street, Leeds.

GENUINE Old-established Working-class Cash; South Coast; now showing £360 per annum net; N.H.I. 320 montb; scope increase, also Optics; corner premises; very low overheads; rent, including all rates, £72 per annum; living accommodation if desired; all in £500; good reason for disposal; every assistance given; quick sale desired. 491/26, Office of this Paper.

S. F. CLARK, F.N.A.A. 'Phone: Prospect 3366
CHEMISTS' VALUER & TRANSFER AGENT
34 Marksbury Avenue, Richmond, Surrey
SERVICE FOR CHEMISTS — Business transfer, Valuations for all purposes, and annual Stock-taking, at lowest fees, personally and confidentially conducted.

S. F. CLARK, Chemists' Valuer, Richmond, Surrey (as above), invites applications for details of businesses registered. Buyers kindly state class of business required, locality preferred, if with living accommodation, and approximate capital available. All enquiries promptly replied to, purchasers and prospective vendors being assured of personal and confidential service.

SHOP; rooms optional; lease; good Film and small Patent Medicine Business; opening for Chemist; £100, all at. 3 Station Road, Sunbury, Middlesex.

UP-TO-DATE Pharmacy; West of England city; corner premises; recently modernised and enlarged at cost of £450; turnover past twelve months under management £1,034; good opportunity for energetic man; stock at valuation (about £300); Kodak and Selo Agencies; scope for Optics; no reasonable offer refused. 490/6, Office of this Paper.

£150 DOWN, BALANCE OF £200 BY INSTALMENTS.—Dispensing Business in Lambeth; net profit £256; low rent; good opportunity for young Qualified; with big scope; write for interview, when all particulars given; will accept reasonable offer for cash. H., 652 Mitcham Road, Croydon, Surrey.

BUSINESSES WANTED.

SOUTHERN COUNTY.—Chemist who has sold his own business is desirous of purchasing a sound concern returning upwards of £3,000 per annum, and will give a good price for same. Write or telephone Orridge & Co., 56 Ludgate Hill, E.C.4.

BUSINESS Wanted, Liverpool district, showing returns of £30 weekly, with genuine scope for increase; must bear strict investigation; partnership in genuine concern considered. 490/260, Office of this Paper.

PRIVATE Chemist, who is considering the acquisition of a small group of businesses in London, wishes to come into touch with owners of sound propositions contemplating disposal; neglected business considered; capital available for immediate negotiation. Please write, in confidence, to 227/172, Office of this Paper.

REQUIRED immediately, about 10 Sound Businesses in or near to London, showing returns upwards of £30 weekly, with proportionate overhead charges. Pharmacists, who for any reason may be contemplating removal, are invited to write in the first place, under guaranteed assurance of confidence, to Ernest J. George, 329 High Holborn, W.C.1. Quick sales of suitable propositions can be negotiated without delay. Every advice and assistance given to vendors without obligation, and absolute privacy will be observed throughout.

WOULD any Chemist care to sell a business on terms similar to hire purchase to a keen, ambitious, honest and energetic qualified Chemist (married) who is on the square? Advertiser would be grateful for replies, which will be treated with absolute confidence. 489/26, Office of this Paper.

PREMISES TO LET.

MARYLEBONE ROAD (adjacent to Baker Street Tube).—Capital Half-Shop, with very large basement; rent £225 per annum, or offer. Sole Agents, Hillier, Parker, May & Rowden, 27 Maddox Street, W.1. Telephone: Mayfair 7666.

PREMISES FOR SALE.

TO CHEMISTS.—Shop and flat, 6 rooms, large garden, freehold, for sale; modern bronze double front; main road, opposite cinema; bordering new estate; 1,000 houses in course of development; Surrey, 12 miles out; wonderful opening for Chemist. P.C.B. 88/22, Office of this Paper.

PATENTS.

"AN IMPROVED Process for the Production of Symmetrical Di-aryl-guanidines." The proprietors of British Patent No. 258,203 desire to arrange for the commercial working of this patent by sale outright or by licences granted on participating and reasonable terms. Particulars obtainable from Technical Records, Ltd., 59-60 Lincoln's Inn Fields, London, W.C.2.

SALE BY AUCTION.

By Order of Mr. Frank Ullett; retiring from business and the property having been sold.

198 RYE LANE, PECKHAM, S.E.15.

THE Stock and Trade Fixtures of this well-known Chemist, including Drugs, Patent Medicines, Perfumes, Soaps, Powders, Brushes, Combs, Recipes for own Patent Mixtures, Electrically-driven National Cash Register Till, Drug Runs, Chemist's Wall Cases, Counters, Silent Salesmen, Personal Weighing Machine, Scales, Shop Rounds, Electrical and Daylight Signs, &c.

B. NORMAN & SON

will Sell by Auction on the Premises as above Thursday, September 14, at 2 o'clock.

View Day Prior and Morning of Sale. Catalogues of the Auctioneers, 5 Little Britain, London, E.C.1. Telephone: NAT 6463.

AGENCIES.

AGENCIES wanted, on commission basis, for lines which are suitable for the bazaar type of trade; must be competitive, such as Carded Pills, Aspirin Tablets, Toilet Soap, Perfumery, Cosmetics, Fancy Goods, Toilet Paper, Fly Papers, Ointments, Tooth Pastes, &c. Reply with particulars. P.C.B. 88/25, Office of this Paper.

AGENT required for Yorkshire and Lancashire to handle attractively packed Rat Poison, 7½d. and 1s. 3d. tins; keenly priced; good commission paid; only men well known on the ground and with first-class connection need apply; state age and full particulars; other agencies carried. 227/171, Office of this Paper.

MANUFACTURERS of well-known Beauty Preparations are desirous of getting in touch with live firms having own travellers with a view to representation in the following areas: (1) South of England, (2) Midland Counties, (3) North of England; the lines are well established and regularly advertised. Write fullest details to Box 775, c/o 8 Serle Street, London, W.C.2.

PARTNERSHIPS.

EDGWARE ROAD; old-established Chemist (over 100 years) would take qualified young and energetic man as Partner; small capital required, or would sell outright. Full particulars from Snell & Co., Estate Agents, 47 Maida Vale, London, W.9. Cunuingham 1181 (4 lines).

OPPORTUNITY for Pharmacist to acquire Partnership (with arrangement for succession) in old-established business with branches in Northern city is open to Chemist with live ideas and methods; owner wishes to decline business gradually; capital required about £3,000; details to be discussed. 490/7, Office of this Paper.

WANTED, Junior Partner for established Chemist and Optical Business; to take complete management, with a view to ultimate purchase on easy terms; £100 required; fullest particulars of experience, age, &c., in confidence. 493/4, Office of this Paper.

APARTMENTS.

WHEN YOU COME TO LONDON STAY AT THE HAMPDEN RESIDENTIAL CLUB.

FOR GENTLEMEN, Hampden Street, N.W.1. Close to King's Cross and Euston. 300 bedrooms. 12s. 6d. to 25s. per week, including baths, attendance and boot cleaning. All meals à la carte in dining room. Moderate tariff. Large Club Rooms, Library, Billiards Room, Reading Room and Study for Students. Illustrated Prospectus from Secretary. Euston 2244/5.

SUPERIOR home for 2 or 3 Students in good-class surroundings; one minute from Brent Station, 20 minutes from City and West End; garage and 'phone; terms moderate. 25 Heathfield Gardens, Golders Green. 'Phone Speedwell 7197.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

TENDERS INVITED.

SEVERALLS MENTAL HOSPITAL, COLCHESTER.

THE COMMITTEE OF VISITORS invite TENDERS for the supply of Drugs and Dressings for the six months euding March 31, 1934.

For form of Tender, apply, enclosing stamped addressed envelope, to the Clerk of the Hospital, Severalls, Colchester.

Sealed Tenders must be received not later than September 16, 1933, addressed to the Committee of Visitors, Severalls Mental Hospital, Colchester.

The Committee do not bind themselves to accept the lowest or any tender.

APPRENTICES.

APPRENTICE required by firm of Chemists' Valuers, preferably with some retail experience and possessing a knowledge of Latin; exceptionally good opportunities for suitable applicant, who must be quick and intelligent. Please write in the first place with particulars of experieuce, &c., to 227/173, Office of this Paper.

APPRENTICESHIP required at once; Assistant Dispenser's qualification and previous experience; used to accurate Dispensing and N.H.I. Write Miss Langton, 7D Courtfield Gardens, S.W.5.

APPRENTICESHIP wanted to Good-class Dispensing Chemist for Boy aged 16; matriculated, tall, smart appearance and very willing; premium will be paid to a business of repute. A. White, 120 Borough High Street, S.E.1.

SITUATIONS OPEN.

RETAIL (HOME).

BRISTOL.—Young Qualified Man for small branch; temporary engagement; state full particulars; salary must be moderate. 490/60, Office of this Paper.

LIVERPOOL.—A leading firm of Photographic Dealers has a vacancy for a Head Assistant; must be thoroughly familiar with the photographic business generally, a good window-dresser, and a really efficient man; commencing salary £5; please send photograph if possible. 227/164, Office of this Paper.

LONDON.—Qualified Chemist and Optician required, to take charge of High-class Pharmacy and Optical Department; the position is permanent and progressive, full particulars of which will be given to suitable applicant. Apply, giving fullest particulars possible of past experieuce, &c., to Linsley's, Ltd., 308 Earl's Court Road, S.W.5.

LONDON, W.—Chemist-Optician required to open branch; also undertake Sight Testing at head shop; salary and special commission on Optics; applicant required to invest £100 and accept directorate. 491/7, Office of this Paper.

MANCHESTER.—Junior just completed apprenticeship or Improver required immediately for N.H.I. and Counter, &c.; industrial district near City; give full particulars, stating references and salary required. 491/3, Office of this Paper.

READING Branch unregistered Pharmacy requires energetic Assistant, either sex, unqualified; no Dispensing; quick cash trade; thorough knowledge of Salesmanship, Display; capable of taking complete sole charge; fixed salary and commission; good appearance and experience essential. Write, stating age, salary expected, with recent photo, copy references, to Popular People's Pharmacy, Ltd., 63 Chapel Road, Worthing.

SOUTH WALES (Seaport).—Required, September 25, Unqualified (Male) Assistant (20-22), outdoors, for Light Retail, with a little Dispensing. Particulars of age, height, experience, salary required (do not enclose references or photograph) to 490/37, Office of this Paper. Applications not answered in 6 days declined.

YORKS.—Qualified Assistant required; experienced in high-class Dispensing and Doctors' requirements. 227/166, Office of this Paper.

AN intelligent Young Lady Assistant; must possess knowledge of Book-keeping and be a Competent Window-dresser; progressive berth for one with initiative and energy. Apply, giving full particulars of experience, age, reference, height, salary required, photo (to be returned), Kershaw, 67 Windermere Road, Coulsdon, Surrey.

AT ONCE.—Manager required for country branch, Qualified; married; house and good garden attached to shop; Norfolk man accustomed to country business preferred. Apply, with full particulars, experience, references, salary required (moderate), to B. V. Jermyn, Chemist, East Harling, Norwich.

DISPENSER and Book-keeper wanted; Panel and Private practice; hard worker essential; send references, experience and age. 490/15, Office of this Paper.

JUNIOR Assistant, Unqualified; one with small knowledge of Sub-Post Office work would have the first consideration. Apply with full particulars and photo if possible to 490/18, Office of this Paper.

JUNIOR or Improver (Male) for branch doing Quick Cash Trade; Counter and Dispensing. Mr. A. Crick, Stonham & Son, 70 Bank Street, Maidstone.

JUNIOR (20-22) for Croydon district; accustomed to Counter and N.H.I. Dispensing; give full particulars and salary required; applications not answered in 5 days respectfully declined. 491/40, Office of this Paper.

LOCUM.—Qualified Chemist and Optician required to take charge of High-class Pharmacy for a few weeks. Apply Linsley's, Ltd., 308 Earl's Court Road, S.W.5.

LOCUM, Qualified, wanted early next week for 7 days; reply by letter, giving full particulars, experience, references and salary; applications unanswered in 3 days respectfully declined. A. Wyse, M.P.S., Chester Road, New Oscott, Sutton Coldfield, Birmingham.

MANAGER for High-class Dispensing and Family Business; young, capable, well educated; preference given applicant possessing small capital prepared to invest with idea eventual succession; owner studying medical profession; opening new branch shortly; photo, full particulars. "Chemist," Driftbridge Parade, Ewell.

MANAGER (25-30) required for branch shop; either sex; must be good Window-dresser, Salesman and Prescriber; near London; apply, stating salary, full particulars, photograph and copies of reference, stamped envelope for return. 491/8, Office of this Paper.

PART-TIME Assistant (about 26) required, married, for light evening work; a four-room flat. Apply Messrs. Amoore & Co., 173 Sloane Street, S.W.

QUALIFIED Assistant (Lady); light Dispensing and Counter. Experience, references, photograph and salary required to 489/40, Office of this Paper.

QUALIFIED M.P.S., J.C.Q.O.—Body's Pharmacies have a vacancy for young, well-experienced Chemist-Optician; must be competent Refractionist and capable of responsibly taking charge of the departments of a busy modern pharmacy; exceptional opportunity for really good man. State full particulars first letter, age, experience, if single, height, earliest disengaged, salary required and enclose recent photo, to Mr. S. F. Body, 165 High Street, Southend-on-Sea.

QUALIFIED Chemist; state lowest salary. Call or write, E. J. Bates, 110 Yardley Road, Acocks Green, Birmingham. Phone, Acocks Green 0699.

QUALIFIED Lady Assistant; salary £3 weekly; no Sunday or half-holiday duties. Apply, with copies of testimonials and particulars, to 43 St. Helier Avenue, Morden.

QUALIFIED Locum required, September 18 to 30, with view to permanency; state age, wage and experience; references; all applications not answered within seven days respectfully declined. Holmes, "Semloh," Scalby Road, Newby, Scarborough.

QUALIFIED Chemist, either sex, for evening Dispensing, North London. Write, stating age and salary required, to 491/16, Office of this Paper.

UNQUALIFIED Assistant required, immediately, for 2 months; reply, giving usual particulars and salary required; applications unanswered in 3 days respectfully declined. Oakes, Chemist, 76 St Albans Road, Watford.

UNQUALIFIED Male Junior Assistant required September 25; well trained and gentlemanly; smart at Counter and good Window-dresser; preferably with seaside experience. State age, salary and full particulars to Blacklock & Co., Square, Bournemouth.

UNQUALIFIED Assistant wanted for West End. State all particulars to 492/19, Office of this Paper.

URGENT.—Qualified, to manage small branch; house attached; in Cheshire industrial town; salary moderate; permanency to capable man. Give full particulars and salary required to "Chemist," Belmont, London Road, Appleton, near Warrington.

WANTED, Lady Stock-keeper; able to pack, stock, keep cases filled and make herself generally useful; Hampstead district. Apply 491/27, Office of this Paper.

WANTED, Qualified; middle-class; locum or permanency; full particulars first letter; immediate. Healey, 57 Sheffield Road, Chesterfield.

YOUNG Single Qualified Assistant required for winter months in City Pharmacy; write, giving references and salary required; applications not answered within 6 days respectfully declined. P.C.B. 88/12, Office of this Paper.

WHOLESALE.

A LONDON Chemists' Sundries House requires an experienced Representative with knowledge of the Sundries Trade and a sound connection in the following area: South Wales and Midlands; car essential; state age, experience, reference and salary required; interview London. P.C.B. 89/4, Office of this Paper.

AN Opportunity is offered to an Experienced and Energetic Representative (not over 35) who can makes Sales of Dentifrices and Toilet Preparations to Retail Chemists, Stores, &c., in the Midlands and Eastern Counties; salary and expenses; replies should give details of past experience, especially selling experience. Replies, which will be treated in confidence, to 227/169, Office of this Paper.

CHEMIST (Qualified) wanted to work small cloth-dyeing plant in North-West London. Apply, stating age, experience and salary required, to 227/163, Office of this Paper.

GOOD permanent position for Chemist having full works experience manufacture of Phenol Formaldehyde Resins. Write, stating age, salary, experience, Box D717, Willings, 86 Strand, W.C.2.

OUTSTANDING OPPORTUNITY.—Required, by first-class firm of long standing, an unusually well-trained Pharmacist (under 35) having had superior education and possessing sound business ability. Applications in confidence, "MacGregor," 227/168, Office of this Paper.

PHARMACIST, young, required by London wholesale house; keen, energetic and ambitious; London experience desirable. Apply stating age, experience, and salary desired, to P.C.B. 88/23, Office of this Paper.

REPRESENTATIVE for Yorkshire and North-East Coast required to call upon Doctors, Dentists, Veterinary Surgeons and Chemists with high-class British Proprietaries. Applications will only be considered from gentlemen owning a Doctor's and Veterinary connection recently worked. State age and firms previously represented, and supply details of importance in first letter. Apply "T.," 227/162, Office of this Paper.

REPRESENTATIVE required for London; this vacancy offers an opportunity for a young man to make a permanent and progressive position for himself with a firm that has proved the possibilities of its products abroad, and is now spending a large sum of money on propaganda in this country; the proposition offers a great many difficulties, and the remuneration at the commencement will be small. If you consider you are capable of making a success of this position give particulars of age, where educated and previous experience in your letter of application to 489/9, Office of this Paper.

YORKSHIRE AND LANCASHIRE.—Old-established Manufacturing House requires the services of a young and active Representative with some retail experience preferred, to work and extend existing connection in the North of England; state territory covered, experience and nature of goods previously carried, age, remuneration required and when available, all in first letter, which will be treated in confidence; only men with actual travelling experience need apply. "London," 227/174, Office of this Paper.

YOUNG Lady Assistant, not necessarily qualified, but with good experience, to take charge of drug floor (wholesale), Central London; applicants kindly give full particulars of previous experience, age and salary required. "Z," 227/165, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

A.A.A.A.—PHARMACIST (24) desires position as Manager in Good-class Pharmacy with view to succession; substantial capital; excellent references; City and Provincial experience; strictly confidential. 490/13, Office of this Paper.

A.A.A.—ASSISTANT (22); smart, capable and reliable; varied experience, multiple and private; intelligent Salesman; Dispensing, Display; excellent references; free end of September. Goodman, Royal Hotel, Skegness.

A.A.A.—QUALIFIED Assistant (23), now disengaged, desires permanency; 5 years' thorough experience in all branches; excellent references. Jones, 37 Gwaelaodygarth, Merthyr Tydfil.

A.A.A.—QUALIFIED smart and energetic young man desires post as Manager or Assistant; first-class experience London and Provinces; at present doing relief; free October 1. Freedman, 66 Devonshire Road, Bexhill.

A.A.A.—QUALIFIED, Manager or Assistant; experienced in all branches; excellent Photographer and Window-dresser; City experience; free when required J. Simmons, 60 Pennard Road, Shepherd's Bush, W.12.

A.A.—CAPABLE, reliable, Unqualified Assistant: 5 ft. 10 in., married; 6½ years' first-class Dispensing and Counter experience; desires permanency; splendid references; free September 4. Messer, 3A Alexandra Street, Cheltenham.

A.A.—QUALIFIED (21); locum or permanency; City and Provincial experience; prompt and reliable; available immediately. Stevenson, 30 Ramsden Dock Road, Barrow-in-Furness.

A. GORDON (24), Qualified, single, desires post; disengaged September 13. St. Davids, Seafield Road, Bournemouth.

A.—QUALIFIED Manager or Senior; well experienced; excellent Window-dresser and Salesman; keen, energetic. 11 Lambeth Palace Road, S.E.1.

A QUALIFIED experienced Manager desires permanency, London or Suburbs; moderate salary. Davies, 109 Alexandra Drive, Surbiton, Surrey.

A REALLY Smart Unqualified Assistant seeks (25); striking personality; competent in all branches; interview preferred. H. L. G., 7 Bryony Road, W.12.

A.—SQUARE-TRAINED Pharmacist (23) desires permanency, anywhere; 7 years' experience in Retail Pharmacy; keen, energetic worker; Assistant or Manager; free September 16. Mounsey, Royal Hotel, Skegness.

ANYWHERE; Qualified, capable Manager (28) seeks progressive permanency; excellent references; free at once; please state terms. 491/13, Office of this Paper.

ASSISTANCE needed to qualify; evening employment required; evenings from 5.30 p.m.; Saturday, Sunday all day open. highest references; experienced; W., E. or S.E. Michaels, 12 Percy Road, S.E.20.

ASSISTANT; disengaged; good all-round hand; managerial experience; excellent references; temporary or permanent. Eden, 25 Hurst Street, Oxford.

ASSISTANT, Unqualified (35); locum or permanency; capable Dispenser; thorough experience Retail, Counter, Windows, Photographics (D. & P.), also Wholesale experience. Geo. Dodd, c/o Mrs. Wickham, "Rozel," Amy Road, Oxted, Surrey.

ASSISTANT, Lady, Unqualified, requires berth; 12 years' all-round experience; excellent references. 39 Bendemeer Road, Putney, S.W.15.

ASSISTANT; manage; expert Counter, Prize Photographer; West End 10 years; A1 references; unregistered; free; permanency; middle age. MacLellan, Wotton-under-Edge.

ASSISTANT, Unqualified; experienced, reliable business man; capable sole charge, anywhere, locum or permanent; good personality; excellent references; available for interview. March, c/o Sanderson's, 27 Northcote Road, Clapham Junction.

ASSISTANT (27), Unqualified; temporary or permanency; Dispensing, Retail, Counter, Windows, Photographics, Optics. Wisbey, F.B.O.A., 59 Queens Walk, Peterborough.

ASSISTANT (26); Unqualified; 10 years' experience Scotland, London; N.H.I. Dispensing, Prescribing, Counter, Windows; capable taking charge; increasing business; energetic, conscientious; can offer progressive firm first-class services; highest credentials; Worthing or Brighton preferred, not essential. 488/28, Office of this Paper.

ASSISTANT (21), Unqualified, Part I; keen, energetic and capable in all branches; 4 years' London and provincial experience; excellent references. W. J. Harrison, 136 Orford Road, Walthamstow, E.17.

BIRMINGHAM Area preferably; experienced, recommended; permanency; locum work taken; disengaged September 10. Hanley, 64 Hunters Road, Birmingham, or c/o Sutton, Ltd., Chemists, Daventry.

BIRMINGHAM, Ph.C.; 7 years' experience; high-class Dispensing and Counter (oxygen, vaccines, &c.); desires evening employment from 6 p.m.; Chemist, Doctor or Institution; sound references; state hours and terms. Brown, 63 Lonsdale Road, Harborne, Birmingham.

BODY'S PHARMACIES recommend the services of a Young Lady Toilet Assistant who desires position in or near London; experienced in all departments except Dispensing; first-rate Window-dresser, Saleswoman and Stock-keeper; good appearance; moderate salary; interview; write for particulars. Body, 165 High Street, Southend-on-Sea.

BRANCH MANAGER; Qualified; Provincial/London experience; successful record; highest references; 3 years last (suburban). 69 St. James Road, Carshalton.

BRISTOL.—Assistant attending classes at Technical College for qualifying examination requires evening and/or Saturday afternoon work from October 1; best references. W. D. S., 2 Westway Parade, Malvern Road, Bournemouth.

BRISTOL Royal Infirmary-trained; also Retail Experience; Young Lady (23), Part I, seeks post; Bristol or Midlands preferred. Howells, Orchard House, King's Street, Broseley, Salop.

ELDERLY Qualified Chemist; active; capable and reliable; desires employment in Liverpool. Thomas White, 21 Miller Street, Dingle, Liverpool.

ELDERLY Pharmacist requires situation; no reasonable offer refused; living wage required; fifty shilling offers need not apply. "Workhouse," 492/7, Office of this Paper.

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EXPERIENCED Assistant, Unqualified; capable, reliable; Counter, Dispensing, Photographic; good appearance; take charge; excellent references; disengaged. "Radix," 138 Friar Street, Reading.

EXPERIENCED Lady Dispenser (Hall), Book-keeper, desires post; Doctor, Chemist; London or South Coast. Williams, 53 Thames Street, Sunbury.

FORTNIGHTS or longer; Qualified; first-class all-round experience; frequently repeated up-to-date references; moderate terms; disengaged September 10. Fitt, c/o Gurnell, Chemist, Westerham, Kent.

JUNIOR (tall, 21); accustomed to good-class business; free September 11. Clifton, 6 Dagmar Road, S. Norwood, S.E.25.

LADY (Hall) requires post with Doctor or Chemist; thoroughly reliable; go anywhere; any time. 491/23, Office of this Paper.

LADY Assistant (Hall); 9 years' first-class experience; Pharmacy trained; excellent references; good saleswoman. "D," 22 Narcissus Road, N.W.6.

LADY (33), Unqualified, competent Manager, Dispenser and Counter hand, knowledge of Book-keeping and Photographic, seeks post, London. 491/10, Office of this Paper.

LOCUM; disengaged September 11; town or country; any period; moderate terms. Locum, 56 Rudloe Road, Clapham Park, S.W.12.

LOCUM, Qualified; competent, reliable; over 20 years' country and West-End experience; disengaged September 3 to 17, inclusive; registered N.P.U. Pharmacist, 18 Stanway Gardens, Edgware.

MANAGER (34), married, seeks permanency in good-class business, Middlesex or London preferred; interview Thursdays p.m. or Sundays. 486/14, Office of this Paper.

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M.P.S. (37), married; excellent references and experience; abstainer, keen, energetic, reliable; seeks change; free one month; Yorkshire preferred. 489/36, Office of this Paper.

M.P.S. (35) seeks permanency, London; matriculated; over five years' management last position; experienced, trustworthy, good personality; excellent references. 491/6, Office of this Paper.

PART-TIME Assistant (24); evenings, all day Saturdays; Liverpool district; commence October or earlier; competent Dispenser; quick Counterman; good references. Barcham, 119 Pepys Road, S.E.14.

PART-TIME or Relief; Qualified (34); well experienced and recommended. Chemist, 236 Stafford Road, Wallington, Surrey.

PHARMACEUTICAL Chemist (23), reliable and industrious, high-class London and Provincial (including Agricultural and Veterinary) experience, desires position, Assistant or Manager, in a Pharmacy; anywhere Provincial; East Anglia preferred; free in October; earlier if suited. 492/8, Office of this Paper.

PHARMACIST, M.P.S. (23), tall, desires progressive position in high-class Pharmacy; conscientious and enthusiastic; interview appreciated; moderate salary; free early in October. "Middlesex," 490/27, Office of this Paper.

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QUALIFIED (26) desires position as Manager; excellent experience and references; Midlands preferred; free one month from appoiutment. 492/14, Office of this Paper.

QUALIFIED Manager seeks change; young, energetic, abstainer; capable organiser and staff controller; all-round experience, seaside, country and West End; excellent references; Southern England preferred; free one month. 491/11, Office of this Paper.

QUALIFIED Manager, successful business builder, seeks position; London, suburbs; thoroughly conscientious; keen Salesman; domestic reasons. 490/32, Office of this Paper.

QUALIFIED (27) desires change, at present managing; West Central experience; excellent references; London or near preferred. P.C.B. 88/18, Office of this Paper.

QUALIFIED (51), single, seeks permanency; September 30. "Chemist," 9 West Street, Epsom, Surrey.

QUALIFIED (23), height 6ft. 3 in., seeks position, Manager or Assistant; varied experience; disengaged. S. M. Cotter, 15 Bedford Avenue, North Bersted, Bognor Regis.

QUALIFIED (30); tall; 14 years' experience town, suburban, seaside; desires Managership; Birmingham, Manchester or Liverpool; would entertain neglected business; last situation 4 years manager, town; free in 6 weeks. 489/39, Office of this Paper.

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QUALIFIED (27), recently disposed of own business, highest references, seeks evening post; London. Chemist, 38 Sinclair Road, W.14.

QUALIFIED (29), Welshman, seeks post as Manager; Lancashire, Cheshire or North Wales; Photography, Dispensing and Counter; excellent testimonials; free one month; £4 10s. per week. 490/3, Office of this Paper.

QUALIFIED (30), married, seeks position as Branch Manager with Private Chemist or small multiple; 7 years' experience as manager; over 3 years present post, large multiple; free one month; excellent references; interview if possible; comfortable permanency desired. 490/11, Office of this Paper.

QUALIFIED (22) desires situation in High-class Pharmacy; disengaged end September; highest credentials. Norman Hart, 24 Cumberland Avenue, Grimsby.

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QUALIFIED (24) desires situation London or suburbs; experienced N.H.I.; quick Counter Trade and Photographic; salary moderate; disengaged. 489/2, Office of this Paper.

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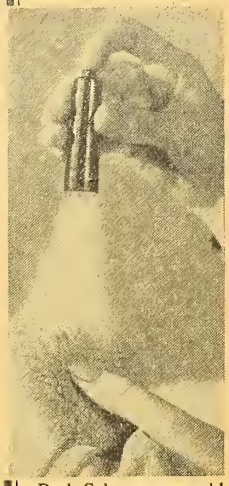

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